CU

AMIGA

THE ESSENTIAL AMIGA MAGAZINE

OCTOBER £3.95
US$7.95 CA$9.95 DM20
PTA 995 L13600 ASCH 170
AN EMAP PUBLICATION

SAVE £££

OFF ESSENTIAL HARDWARE SEE BACK

COVERDISK EXCLUSIVE

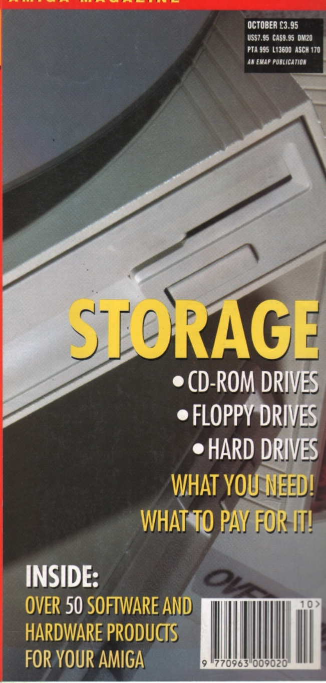
DPAINT 5

YOUR CHANCE TO TEST THE LATEST VERSION OF THE WORLD'S MOST POPULAR ART PACKAGE!

NO DISKS ATTACHED? ASK YOUR NEWSAGENT

CU AMIGA

2 DISKS: DPAINT 5 EXCLUSIVE DEMO • DRAGONSTONE & MORE



STORAGE

- CD-ROM DRIVES
- FLOPPY DRIVES
- HARD DRIVES

WHAT YOU NEED!

WHAT TO PAY FOR IT!

INSIDE:

OVER 50 SOFTWARE AND HARDWARE PRODUCTS FOR YOUR AMIGA

10
9 770963 009020

ON CU AMIGA'S OVERDISKS HIS MONTH...

OVERDISK 92

PAINT 5

mo by Electronic Arts

ires a minimum of 1Mb RAM and Workbench 2.04 or higher

ight years *Deluxe Paint* has been the standard against which graphics and art packages have been measured. This version ines the well known, instantly recognisable *DPaint* interface with a oad of new features.

AL TIME EFFECTS GENERATOR

ires a minimum of 1Mb RAM and a Sound Sampler cartridge

ll music fans, the *Real Time Effects Generator* will allow you to e a multitude of effects on sampled sounds and instruments.

NDOM DOT STEREOGRAM MAKER

all Amigas

in pictures and make funny, splodgy stereograms out of them. g is, we still haven't been able to see anything in them! Try it for self. Good luck!

OON OF THE MONTH

all Amigas

Coverdisk Choons competition has been a major success. Some been good, others not so hot – here's one of the best.

OVERDISK 93

RAGONSTONE

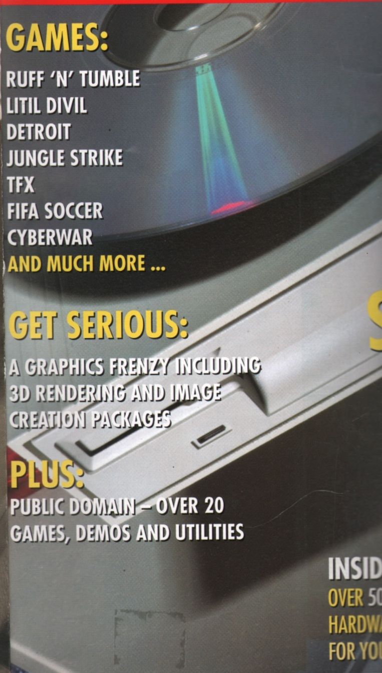
mo by Core Design

uires a minimum of 1Mb RAM

aze arcade game in the style of *The Chaos Engine* meets *Zelda.* give you nearly all of the first level so dive in...

CU AMIG

THE ESSENTIAL AMIGA M



GAMES:

RUFF 'N' TUMBLE
LITIL DIVIL
DETROIT
JUNGLE STRIKE
TFX
FIFA SOCCER
CYBERWAR
AND MUCH MORE ...

GET SERIOUS:

A GRAPHICS FRENZY INCLUDING 3D RENDERING AND IMAGE CREATION PACKAGES

PLUS:

PUBLIC DOMAIN – OVER 20 GAMES, DEMOS AND UTILITIES

INSID
OVER 5
HARDW
FOR YO

CU
AMIGA
THE ESSENTIAL AMIGA MAGAZINE

OCTOBER £3.95
US$7.95 CA$9.95 DM20
PTA 995 L13600 ASCH 170
AN EMAP PUBLICATION

GAMES:

RUFF 'N' TUMBLE
LITIL DIVIL
DETROIT
JUNGLE STRIKE
TFX
FIFA SOCCER
CYBERWAR
AND MUCH MORE ...

GET SERIOUS:

A GRAPHICS FRENZY INCLUDING 3D RENDERING AND IMAGE CREATION PACKAGES

PLUS:

PUBLIC DOMAIN – OVER 20 GAMES, DEMOS AND UTILITIES

STORAGE

- CD-ROM DRIVES
- FLOPPY DRIVES
- HARD DRIVES

WHAT YOU NEED!
WHAT TO PAY FOR IT!

INSIDE:

OVER 50 SOFTWARE AND HARDWARE PRODUCTS FOR YOUR AMIGA

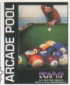
GREATEST
SAVE £16

JIMMY WHITE
LURE OF TEMPTRESS
DUNE

THE GREATEST
16.99

theme PARK
SAVE £12

THEME PARK
22.99



ARCADE POOL
CD32 9.99 AM 6.99

HIRED GUNS
SAVE £23

HIRED GUNS
11.99

PREMIER MANAGER 2
SAVE £17

PREMIER MANAGER 2
7.99

SPORTS masters
SAVE £15

PGA GOLF, INDY 500
ADVANTAGE TENNIS
& EURO CHAMPS '92

SPORTS MASTERS
13.99

BENEATH A STEEL SKY
SAVE £12

BENEATH STEEL SKY
22.49

Sensible SOCCER
SAVE £5

SENSIBLE INT'L
14.99

AMIGA CD32
Trivial Pursuit
DOMARK
SAVE £10

TRIVIAL PURSUIT
CD32 19.99

IMPORTANT – PLEASE NOTE
NOP = will not work on A500 Plus, A600 or A1200
NO12 = will not work on A1200
1 MEG = requires 1 MB of RAM
• = NEW Item

A1200 GAMES

ALADDIN •	20.49
ALIEN BREED - TOWER ASSAULT •	14.99
BANSHEE •	**18.49**
BRUTAL FOOTBALL DELUXE	15.49
CAPTIVE 2 - LIBERATION	20.99
CIVILISATION AGA	**16.99**
DETROIT •	22.99
EXILE •	18.99
FIELDS OF GLORY •	22.99
GUNSHIP 2000	**23.49**
HEIMDALL 2 - BANE OF ASGARD	**21.49**
IMPOSSIBLE MISSION	22.49
ISHAR 2 - LEGIONS OF CHAOS	18.99
JAMES POND 3 - OPERATION STARFISH	19.99
JURASSIC PARK	12.99
KICK OFF 3 •	19.49
KINGPIN •	8.99
MIGHTY MAX •	18.99
ON THE BALL - LEAGUE EDITION •	**20.49**
WORLD CUP EDITION • (HARD DRIVE ONLY)	**20.49**
PLANET FOOTBALL •	22.49
RYDER CUP	**11.49**
SABRE TEAM	18.99
SIM CITY 2000 •	25.99
SIMON THE SORCERER	24.49
SKELETON KREW •	20.99
STAR TREK - 25TH ANNIVERSARY (HARD DRIVE ONLY)	22.49
SUPER STARDUST	16.99
THEME PARK	**22.99**
TOP GEAR 2 (1 MEG)	17.49
UFO - ENEMY UNKNOWN	**23.49**

AMIGA GAMES

FOR OUR FULL SELECTION OF AMIGA GAMES PLEASE ASK FOR A FREE 16-PAGE COLOUR CATALOGUE

A-TRAIN (1 MEG)	9.99
AIR BUCKS V1.2	11.99
ALIEN 3	11.99
ALIEN BREED (SPECIAL EDITION) (1 MEG)	9.49
ANOTHER WORLD	11.49
APIDYA •	9.99
APOCALYPSE (1 MEG)	18.99
ARCADE POOL (1 MEG)	6.99
ARMOUR GEDDON 2 (1 MEG)	18.49
AWARD WINNERS GOLD (SENSIBLE SOCCER, ELITE, JIMMY WHITES SNOOKER, ZOOL) (1 MEG)	20.99
B17 FLYING FORTRESS (1 MEG)	22.99
BATTLE ISLE 93	17.49
BENEATH A STEEL SKY (1 MEG)	22.49
BODY BLOWS (1 MEG)	7.99
BREACH 2 •	16.99
BRUTAL FOOTBALL	13.99
BUMP 'N' BURN •	20.49
CAESER DELUXE	11.99
CAMPAIGN (1 MEG)	11.99
CAMPAIGN 2 (1 MEG)	22.99
CANNON FODDER (1 MEG)	20.49
CHAMPIONSHIP MANAGER 93/94 (1 MEG)	9.99
CHAMPIONSHIP MANAGER 93/94 (END OF SEASON DATA DISK) (1 MEG)	13.49
CHAMPIONSHIP MANAGER COLLECTION (93/94 + UPDATE DISK) (1 MEG)	13.99
CHAMPIONSHIP MANAGER ITALIA(1 MEG)	17.49
CHAOS ENGINE	12.99
CIVILISATION (1 MEG)	16.99
CLUB FOOTBALL - THE MANAGER (1 MEG)	20.99
COMBAT AIR PATROL	14.99
COMBAT CLASSICS (F15 STRIKE EAGLE 2, 688 ATTACK SUB, TEAM YANKEE) (1 MEG) (NO12)	13.99
COMBAT CLASSICS 2 (SILENT SERVICE 2, F19 STEALTH FIGHTER, PACIFIC ISLAND) (1 MEG)	20.99
CRASH DUMMIES (1 MEG)	15.99
CRUISE FOR A CORPSE	11.49
CURSE OF ENCHANTIA (1 MEG)	11.99
D-DAY (IMPRESSIONS) (1 MEG)	21.99
DETROIT (1 MEG)	21.49
DOGFIGHT (1 MEG)	14.99
DRAGONSTONE •	18.99
DREAMLANDS (TRANSARTICA, STORM MASTER, ISHAR) (1 MEG)	18.99
DUNE (1 MEG)	11.49
DUNE 2 - BATTLE FOR ARRAKIS (1 MEG)	17.99
DUNGEON MASTER 2 (1 MEG) •	22.99
ELFMANIA (1 MEG) •	18.99
ELITE	9.99
ELITE 2 (FRONTIER) (1 MEG)	18.99
EMPIRE SOCCER (1 MEG)	18.49
EUROPEAN CHAMPIONS (1 MEG)	10.99
EYE OF THE BEHOLDER (SSI) (1 MEG)	12.49
EYE OF THE BEHOLDER 2 (1 MEG)	12.49
F1 (DOMARK) (1 MEG)	17.99
F117A STEALTH FIGHTER 2.0 (1 MEG)	12.99
F19 STEALTH FIGHTER (NOP)	2.99
FIELDS OF GLORY (1 MEG) •	23.49
FIFA INTERNATIONAL SOCCER (1 MEG) •	20.99
FIRST SAMURAI + MEGA LO MANIA (NO12)	13.99
FORMULA 1 GRAND PRIX	15.99
GENESIA (1 MEG)	20.49
GOAL	8.49
GRAHAM GOOCH WORLD CLASS CRICKET - TEST MATCH SPECIAL (1 MEG) •	18.99
GRAHAM GOOCH DATA DISK	12.99
GUNSHIP 2000 (1 MEG)	22.49
HEIMDALL 2 - BANE OF ASGARD (1 MEG)	21.49
HEROQUEST 2 - THE LEGACY OF SORASIL (1 MEG)	16.99
HIRED GUNS (1 MEG)	11.99
HISTORYLINE 1914-18 (1 MEG)	20.99
HOOK	6.99
HUNTER (NO12)	6.99
IMPOSSIBLE MISSION (1 MEG) •	20.49
INDIANA JONES 2 ACTION (FATE OF ATLANTIS)	12.99
INDIANA JONES ACTION	4.99
INDIANA JONES FATE OF ATLANTIS ADVENTURE (1 MEG)	24.49
ISHAR 2 - LEGIONS OF CHAOS (1 MEG)	11.49
ISHAR 3 (1 MEG)	20.99
JET STRIKE	16.99
JOHN MADDEN'S (U.S) FOOTBALL	10.49
JURASSIC PARK (1 MEG)	11.99
K240 (UTOPIA 2) (1 MEG)	18.49
KGB	11.49
KICK OFF 3 •	16.49
KID CHAOS •	17.99
KINGMAKER (1 MEG)	23.49
KNIGHTS OF THE SKY (1 MEG)	12.49
KRUSTY'S SUPER FUN HOUSE	12.99
LASER SQUAD	8.99
LEGENDS OF VALOUR (1 MEG) (NO12)	15.99
LEISURE SUIT LARRY 1 (1 MEG)	11.49
LEISURE SUIT LARRY 2 (1 MEG)	11.49
LEISURE SUIT LARRY 3 (1 MEG)	12.49
LEMMINGS + DATA DISK	12.99
LEMMINGS 2	13.49
LEMMINGS DATA DISK - OH NO!	6.99
LINKS - (GOLF) (1 MEG) (HARD DRIVE REQUIRED)	12.49
LORDS OF CHAOS	8.99
LORDS OF THE REALM (1 MEG) •	21.49
LOTUS 3 - THE FINAL CHALLENGE (1 MEG) (NO12)	13.99
LURE OF THE TEMPTRESS (1 MEG)	11.49
MAN UTD PREMIER LEAGUE CHAMPIONS (1 MEG)	18.99
MANCHESTER UNITED	6.99
MICRO MACHINES	16.99
MONOPOLY	18.49
MORTAL KOMBAT (1 MEG)	20.49
NICK FALDO'S GOLF	14.99
ON THE BALL - LEAGUE EDITION (1 MEG)	18.99
WORLD CUP EDITION (1 MEG) •	18.99
OVERDRIVE (1 MEG)	6.99
PATRICIAN (1 MEG)	20.49
PINBALL DOUBLE PACK (1 MEG) (PINBALL DREAMS & FANTASIES)	16.99
PINBALL DREAMS (1 MEG)	12.49
PINBALL FANTASIES	14.99
PINKIE (1 MEG) •	17.99
POLICE QUEST 3 (1 MEG) •	12.99
POWERMONGER + WW1 DATA DISK (NO12)	11.49
PREMIER MANAGER 2 (1 MEG)	7.99
PRINCE OF PERSIA (1 MEG)	6.99
PROJECT X (SPECIAL EDITION) (1 MEG)	10.49
RAILROAD TYCOON (1 MEG) (NOP)	13.49
REACH FOR THE SKIES	11.99
REALMS (1 MEG)	10.49
ROAD RASH	10.49
ROBINSONS REQUIEM (1 MEG)	20.49
RORKE'S DRIFT	6.99
RUGBY LEAGUE COACH (1 MEG) •	18.99
SABRE TEAM	11.99
SCRABBLE (US GOLD)	19.49
SECOND SAMURAI (1 MEG) (NO12)	9.49
SECRET OF MONKEY ISLAND (1 MEG)	11.99
SECRET OF MONKEY ISLAND 2 (1 MEG)	24.49
SENSIBLE SOCCER ('92/93 SEASON)	9.99
SENSIBLE SOCCER - INTERNATIONAL EDITION (1 MEG)	14.99
SETTLERS	20.99
SHADOWORLDS (NO12)	4.99
SILENT SERVICE 2 (1 MEG)	12.49
SIM CITY DELUXE (SIM CITY, FUTURE CITIES & TERRAIN EDITOR)	15.99
SIMON THE SORCERER (1 MEG)	20.99
SKID MARKS (1 MEG)	17.49
SOCCER KID	11.49
SPACE CRUSADE (NO12) •	11.49
SPACE HULK	15.99
SPACE LEGENDS (WING COMMANDER, MEGATRAVELLER, ELITE) (1 MEG)	9.99
SPACE QUEST 3 (1 MEG) •	12.99
SPECIAL FORCES (1 MEG)	10.99
SPEEDBALL 2	6.99
SPORTS MASTERS (PGA GOLF, INDY 500, ADVANTAGE TENNIS, EUROPEAN CHAMPIONSHIP'S 1992) (1 MEG)	13.99
STARDUST	12.49
STARLORD (1 MEG) •	22.99
SUPER FROG (1 MEG)	16.99
SUPREMACY (1 MEG)	10.49
SURBURBAN COMMANDO	13.99
SWIV (NOP)	4.99
SYNDICATE (1 MEG)	22.49
T2 (COIN OP) (1 MEG)	7.99
TACTICAL MANAGER - ENGLISH LEAGUE (1 MEG)	18.49
THE BLUE & THE GREY (1 MEG)	21.49
THE GREATEST (JIMMY WHITES, LURE OF THE TEMPTRESS, DUNE) (1 MEG)	16.99
THE LOST TREASURES OF INFOCOM 1 (20 CLASSIC INFOCOM TEXT ADVENTURES)	18.99
THEME PARK (1 MEG) •	22.99
TRAPS 'N' TREASURES (1 MEG) •	16.99
ULTIMA 5 (NO12)	5.99
VALHALLA (1 MEG) •	18.99
VITAL LIGHT (1 MEG) •	16.99
WEMBLEY - RUGBY LEAGUE (1 MEG)	17.49
WHEN TWO WORLDS WAR (1 MEG)	21.49
WILD CUP SOCCER (1 MEG) •	17.99
WING COMMANDER 1 (1 MEG)	7.99
WIZ 'N' LIZ	10.99
WORLD CUP USA 94 (1 MEG) •	19.49
WORLD CUP YEAR 94 (GOAL, CHAMPIONSHIP MANAGER 94 + DATA DISK, STRIKER, SENSIBLE SOCCER) (1 MEG)	20.99
ZOOL (1 MEG)	8.99
ZOOL 2 (1 MEG)	9.99

AMIGA EDUCATIONAL

10 OUT OF 10 - EARLY ESSENTIALS. AGES 3-7, CREATES AN IDEAL FOUNDATION FOR CHILDREN TO BUILD ON. (1 MB, INSTALLABLE)	18.99
10 OUT OF 10 - ENGLISH. AGES 6-16, COVERS MAJOR AREAS OF THE NATIONAL CURRICULUM (1 MB, INSTALLABLE)	18.99
10 OUT OF 10 - JUNIOR ESSENTIALS. AGES 5-11, BUILDING FOUNDATIONS FOR MANY AREAS OF THE NATIONAL CURRICULUM. (1 MB, INSTALLABLE)	18.99
10 OUT OF 10 - MATHS NUMBERS AGES 6-16, NATIONAL CURRICULUM (1 MB, INSTALLABLE)	18.99
ADI GCSE ENGLISH PACK (14-16 YEARS) 1 MB, DOUBLE AGE GROUP PACK THE PERFECT GCSE REVISION TOOL	22.99
ADI GCSE FRENCH PACK (14-16 YEARS) 1 MB, DOUBLE AGE GROUP PACK THE PERFECT GCSE REVISION TOOL	22.99
ADI GCSE MATHS PACK (14-16 YEARS) 1 MB, DOUBLE AGE GROUP PACK THE PERFECT GCSE REVISION TOOL	22.99
FUN SCHOOL 3 (2-5 YRS)	14.99
FUN SCHOOL 3 (5-7 YRS)	14.99
FUN SCHOOL 4 (2-5 YRS)	16.99
FUN SCHOOL 4 (5-7 YRS)	16.99
FUN SCHOOL 4 (7+ YRS)	16.99
FUN SCHOOL SPECIALS	
MERLIN'S MATHS (7-11 YRS)	17.99
SPELLING FAIR (7-13 YRS)	17.99
MICRO ENGLISH. 8 YRS TO GCSE. CONFORMS TO NATIONAL CURRICULUM. (1 MB)	18.99
MICRO FRENCH. BEGINNER TO GCSE. CONFORMS TO N/CURRICULUM (1 MB)	18.99
MICRO GERMAN. BEGINNER TO GCSE AND BUSINESS LEVEL. CONFORMS TO NATIONAL CURRICULUM (1 MB)	18.99
MICRO MATHS. 11 YRS TO GCSE. CONFORMS TO N/CURRICULUM. (1 MB)	18.99
MICRO SCIENCE. 8 YRS TO GCSE. CONFORMS TO N/CURRICULUM. (1 MB)	18.99
MICRO SPANISH. BEGINNER TO GCSE. CONFORMS TO N/CURRICULUM. (1 MB)	18.99
MEGA MATHS (A LEVEL COURSE) (1 MB)	18.99
NODDY'S BIG ADVENTURE. SEQUEL TO THE POPULAR NODDY'S PLAYTIME SERIES. (1 MB, INSTALLABLE)	**18.99**
NODDY'S PLAYTIME. SUPERB NODDY THEMED EDUCATIONAL ADVENTURE. SUITS AGES 3+. (1 MB, INSTALLABLE)	**18.99**

A1200 WORDWORTH DEALS

WORDWORTH V2 AGA WORD PUBLISHER. NEW LOW PRICE. (1 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)	**39.99**
WORDWORTH V3a AGA WORD PUBLISHER. THE LATEST AND GREATEST VERSION OF TOP QUALITY WORD PUBLISHER PACKAGE. (2 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)	**59.99**

A1200 VERSION APPLICATIONS

DELUXE PAINT 4 AGA. ENHANCED VERSION FOR A1200 AND A4000. PAINT AND ANIMATE IN UP TO 256,000 COLOURS FROM 16.7 MILLION. (2 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)	**59.99**
VISTA PRO (LITE). CREATE SPECTACULAR VIRTUAL WORLDS WITH THIS POWERFUL SCENERY CREATOR AND ANIMATOR. SPECIAL LITE VERSION TO RUN ON A1200 OR A4000. (2 MB, DRIVE REQUIRED)	**44.99**
BRILLIANCE V2 AGA. LATEST VERSION OF THIS PREMIER PROFESSIONAL ART PACKAGE •	**49.99**

AMIGA APPLICATIONS

AMOS - CRAFT. EXTENSION TO AMOS GIVING OVER 160 NEW COMMANDS AND INSTRUCTIONS. REQUIRES AMOS OR AMOS PROFESSIONAL (1MB, INSTALLABLE)	**19.99**
AMOS - PROFESSIONAL. MORE POWERFUL AND PROFESSIONAL VERSION OF BEST SELLING GAMES CREATOR, MORE COMMANDS, MORE FLEXIBILITY AND BETTER USER INTERFACE (1 MB, INSTALLABLE)	**31.99**
BLITZ BASIC 2. BRAND NEW FAST AND EASY TO USE VERSION OF BASIC. COMPLETE WITH MANUAL AND COMPILER SYSTEM. THE HOTTEST NEW LANGUAGE AVAILABLE.	**56.99**
DELUXE PAINT 3. A VERY POWERFUL ART AND ANIMATION PACKAGE WITH EXTENSIVE FEATURES. A BEST SELLER AND A TOP AWARD WINNER. MANY FONT AND PRINTING OPTIONS AND SAMPLE ANIMATION AND ART INCLUDED (1 MB, INSTALLABLE)	**14.99**
DIRECTORY OPUS 4. COMPLETE DIRECTORY AND FILE ORGANISING SYSTEM, INVALUABLE FOR HARD DRIVE USERS. (1 MB, INSTALLABLE) •	**49.99**
FINAL WRITER (RELEASE 2) EXCELLENT WORD PUBLISHING SYSTEM WITH OVER 100 TYPEFACES, EASY TO USE (2 MB, DRIVE REQUIRED) •	**74.99**
HANNA BARBARA ANIMATION WORKSHOP FOR CARTOONS ETC	**29.99**
HOME ACCOUNTS. THE ORIGINAL VERSION OF THIS MONEY MANAGER (INSTALLABLE)	**9.99**
KINDWORDS 3. FULLY FEATURED WORD PUBLISHER (1 MB, INSTALLABLE)	**19.99**
MINI OFFICE. INTEGRATED WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES. (1 MB, INSTALLABLE)	**35.99**
MONEY MATTERS (HOME ACCOUNTS 3). LATEST VERSION OF THE EXCELLENT MONEY PACKAGE FROM DIGITA (1 MB, INSTALLABLE)	**35.99**
PC TASK. GOOD VALUE SIMPLE PC EMULATOR ALLOWING IBM PC APPLICATIONS TO BE USED ON YOUR AMIGA. PLEASE NOTE THAT THIS IS NOT SUITABLE FOR WINDOWS OR HIGH END APPLICATIONS. REQUIRES MS DOS 3.3 OR ABOVE. (1 MB, INSTALLABLE)	**35.99**
PEN PAL. EASY TO USE WORD PROCESSOR. (1 MB, INSTALLABLE)	**37.99**
PUBLISHER (PAGE LAYOUT PACKAGE). (NO12, 1 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)	**19.99**

AMIGA CD32 CD's

ALIEN BREED S/E & QWAK	16.99
ARCADE POOL	**9.99**
BANSHEE	**18.99**
BATTLECHESS	19.99
BENEATH A STEEL SKY •	19.99
BRUTAL FOOTBALL	19.49
BUBBA 'N' STIX	12.99
BUMP 'N' BURN •	20.49
CANNON FODDER	**21.99**
CAPTIVE 2 - LIBERATION	**15.99**
CHAOS ENGINE	17.99
CHUCK ROCK 2 •	18.99
DENNIS	12.49
DISPOSABLE HERO	13.99
DIZZYS ENCHANTED WOODS •	11.99
DRAGONSTONE •	18.99
ELITE 2	**18.99**
EXILE •	19.49
EXTRACTORS-THE HANGING GARDENS OF ZARG •	18.99
FIELDS OF GLORY •	22.99
FIRE AND ICE	16.99
GUNSHIP 2000	**19.99**
HEIMDALL 2	**20.99**
IMPOSSIBLE MISSION	19.99
JAMES POND 3 - OPERATION STARFISH	21.99
KICK OFF 3 •	21.99
KINGPIN •	12.49
LEMMINGS	9.99
LITIL DIVIL	18.99
LOST VIKINGS	19.99
LOTUS TRILOGY (LOTUS 1, 2, 3)	18.99
MAN UTD PREMIER LEAGUE CHAMPS •	18.99
NICK FALDO'S GOLF	**22.99**
PINBALL FANTASIES	19.99
PIRATES GOLD	15.99
PLANET FOOTBALL •	22.49
RYDER CUP	12.49
SABRE TEAM	**19.99**
SECOND SAMURAI	18.99
SENSIBLE SOCCER	16.99
SENSIBLE SOCCER - INTERNATIONAL EDITION •	17.99
SIMON THE SORCERER •	**23.49**
SLEEPWALKER	12.49
SOCCER KID •	18.99
SUPER FROG	11.99
TRIVIAL PURSUIT	19.99
UFO - ENEMY UNKNOWN •	**19.99**
ULTIMATE BODY BLOWS (BODY BLOWS & BODY BLOWS GALACTIC)	**19.49**
UNIVERSE •	20.99
WEMBLEY INTERNATIONAL SOCCER	19.99
WILD CUP SOCCER •	18.99
ZOOL 2	18.99

DIGITAL VIDEO CD's

DIGITAL VIDEO CD's FOR CD32 OR CDi FITTED WITH FMV ADAPTOR

BEVERLY HILLS COP (RATED 15)	15.99
BON JOVI - KEEP THE FAITH	**14.99**
BRYAN ADAMS - WAKING UP THE NEIGHBOURS	15.99
DAVID BOWIE - THE VIDEO COLLECTION (RATED 15) •	**18.99**
FATAL ATTRACTION (RATED 18)	**15.99**
GHOST (RATED 15)	**15.99**
INDECENT PROPOSAL (RATED 15)	**15.99**
KATE BUSH - THE WHOLE STORY '94 •	18.99
PATRIOT GAMES (RATED 15)	15.99
PINK FLOYD - THE DELICATE SOUND OF THUNDER •	18.99
QUEEN - GREATEST FLIX I & II •	**22.99**
STAR TREK VI (RATED PG)	**15.99**
THE CREAM OF ERIC CLAPTON •	15.99
THE CRYING GAME (RATED 18) •	16.99
THE KRAYS (RATED 18) •	15.99
TINA TURNER - SIMPLY THE BEST •	18.99
TOP GUN (RATED PG)	**15.99**
WAYNE'S WORLD (RATED 15)	**15.99**
WITNESS (RATED 15)	15.99

FREE PRINTER LEAD

WITH ALL PRINTERS

PANASONIC KXP2123 COLOUR PRINTER

24 PIN, 80 COLUMN, 192 CPS/64LQ 7 FONTS (1 SCALABLE), EXTREMELY QUIET 43.5 DBA NOISE LEVEL, WITH FREE WORDWORTH WORD PROCESSOR. 1 YEAR WARRANTY.

189.99

WITH FREE WORDWORTH WORD PROCESSOR

CANON BJ-200 BUBBLE JET PRINTER	**239.99**
CANON BJ10-SX BUBBLE JET PRINTER (NEW LOW PRICE)	**185.99**
CITIZEN ABC PRINTER WITH COLOUR KIT, 24 PIN WITH FREE EASYSTART SOFTWARE FOR AMIGA AND PC	**156.99**
CITIZEN TRACTOR FEED KIT FOR CITIZEN ABC PRINTER	37.99
CITIZEN SWIFT 200C PRINTER WITH COLOUR KIT 24 PIN	**184.99**
CITIZEN SWIFT 240C PRINTER WITH COLOUR KIT, 24 PIN	**219.99**
CITIZEN PRINTER DRIVER KIT FOR AMIGA. SUITS ALL WORKBENCH VERSIONS FROM 1.3 TO 3.0 ENHANCES PRINT QUALITY FROM CITIZEN SWIFT PRINTERS. OUTSTANDING RESULTS	**12.99**
EPSON LQ-100 PRINTER. 24 PIN • NEW LOWER PRICE •	**137.99**
STAR WINTYPE 4000 LASER PRINTER	**389.99**
TONER CARTRIDGE FOR STAR WINTYPE 4000 LASER PRINTER	69.99
INK CARTRIDGE (BLACK) FOR CANON BJ-10EX OR BJ-10SX	19.99
INK CARTRIDGE (BLACK) FOR CANON BJ-200	23.99
INK CARTRIDGE (BLACK) FOR EPSON STYLUS 800 PRINTER	11.99
RIBBON (BLACK) FOR CITIZEN 24, 200, 224, 240 OR ABC PRINTER	6.99
RIBBON (BLACK) FOR CITIZEN 9, 90 OR 120D PRINTER	5.99
RIBBON (BLACK) FOR EPSON LQ-150	8.99
RIBBON (BLACK) FOR EPSON LQ100 PRINTER	8.99
RIBBON (BLACK) FOR PANASONIC KXP2123/4, KXP2180	10.99
RIBBON (BLACK) FOR STAR LC100 OR LC20 PRINTER	6.99
RIBBON (BLACK) FOR STAR LC24-20 PRINTER	6.99
RIBBON (COLOUR) FOR CITIZEN 9, 90, 24, 200, 224, 240 OR ABC	14.99
RIBBON (COLOUR) FOR EPSON LQ-150	16.99
RIBBON (COLOUR) FOR PANASONIC KXP2123/4, KXP2180	16.99
RIBBON (COLOUR) FOR STAR LC100 PRINTER	7.99
RIBBON (COLOUR) FOR STAR LC200 PRINTER	11.99
PRINTER STAND FOR ANY PRINTER	7.99
PRINTER LEAD (PARALLEL) 1.5 METRES FOR AMIGA, ST OR PC	7.99
PRINTER LEAD (PARALLEL) 10 METRES FOR AMIGA, ST OR PC	15.99
PRINTER LEAD (PARALLEL) 5 METRES FOR AMIGA, ST OR PC	10.99
DUST COVER FOR 80 COLUMN PRINTER (CLEAR PVC)	4.99

MEGADRIVE GAMES

WE ONLY SELL OFFICIAL UK VERSIONS
• = NEW ITEM

MEGADRIVE 2 WITH SIX GAMES + 2 CONTROL PADS
109.99

CHAOS ENGINE	38.99
EA SPORTS SOCCER (4 PLAYER)	36.49
JUNGLE STRIKE	25.99
MORTAL KOMBAT 2 •	**42.99**
PETE SAMPRAS TENNIS (J-CART) (4 PLAYER GAME)	**34.99**
PGA EUROPEAN TOUR	**32.99**
ROAD RASH 2	19.99
STREETS OF RAGE 3	**39.99**
URBAN STRIKE	**34.99**
VIRTUA RACING	**58.99**
X-MEN	18.99
DUNE 2 (BATTLE FOR ARRAKIS)	31.99
SUPER MONACO GP	12.99

GAME GEAR GAMES

MICRO MACHINES	24.99
COLUMNS	9.99
NBA JAM	29.99
SONIC 2	18.99
ALADDIN	24.99
SONIC THE HEDGEHOG	19.99
STAR WARS	24.49
DONALD DUCK 2	19.99
WORLD CUP USA '94	24.99
SENSIBLE SOCCER	22.99

GAMEBOY GAMES

SUPER MARIO LAND 3	19.99
ZELDA - LINK'S AWAKENING	22.49
DONKEY KONG '94 (SG) •	21.99
TETRIS 2 (SG)	21.99
PINBALL DREAMS	17.99
SUPER MARIO LAND 2	21.99
MONSTER MAX	21.49
TERMINATOR 2	11.99
CASTLEVANIA 2	16.99
WORLD CUP USA '94	24.99

SUPER NES GAMES

WE ONLY SELL OFFICIAL UK VERSIONS
• = NEW ITEM

SUPER NES WITH F- ZERO + 1 CONTROL PAD
79.99

FIFA SOCCER	**35.99**
SIM CITY	**19.99**
PGA TOUR GOLF	**14.99**
SUPER METROID	41.99
STUNT RACER FX •	**41.49**
STARWING	**19.99**
MEGA MAN X	32.99
MORTAL KOMBAT 2 •	**52.99**
ROCK AND ROLL RACING	37.99
DESERT FIGHTER	39.99
STREETFIGHTER TURBO	32.99
SUPER MARIO KART	33.99
NBA JAM	49.99
JOHN MADDEN '93	**17.99**

PHILIPS CDi 450

279.99

AVAILABLE SEPT '94

TOP LOADING CDi PLAYER WITH INTERNATIONAL TENNIS OPEN AND CONTROL PAD. LOW COST ALTERNATIVE TO ESTABLISHED CDi210, WITH FULL AUDIO CD AND PHOTO CD CAPABILITIES.

CDi GAMES

7TH GUEST (FMV CART REQ'D)	41.99
ALIEN GATE	18.99
KETHER	26.99
LINK, THE FACES OF EVIL	27.99
MYSTIC MIDWAY PHANTOM EXPRESS	26.99
PALM SPRINGS GOLF	31.99
SPACE ACE (FMV CART REQ'D)	41.99
TETRIS	22.99
VOYEUR (RATED 18)	34.99
ZELDA, WAND OF GAMELON	26.99

PANASONIC REAL 3DO

395.99

AVAILABLE SEPT '94

WITH TOTAL ECLIPSE GAME AND ONE CONTROL PAD. NEW CD BASED CONSOLE WITH 32 BIT RISC CPU, 16.7 MILLION COLOUR PALETTE, 16-BIT DSP SOUND CHIP AND 3MB RAM, 1MB ROM. KODAK PHOTO CD AND AUDIO CD COMPATIBLE. FMV ADAPTOR AVAILABLE SOON

3DO GAMES

ESCAPE FROM MONSTER MANOR	34.99
JOHN MADDEN 3DO	34.99
ROAD RASH 3DO	39.99
SHOCKWAVE	34.99
SUPER WING COMMANDER	34.99
THEME PARK	39.99
TWISTED	34.99

FOR MORE DETAILS CALL OUR SALES LINES

AMIGA CD32 32-BIT POWER
SPECTACULAR VOYAGE

AMIGA CD32

CD BASED CONSOLE WITH A1200 32-BIT POWER. 262,000 COLOURS FROM A PALLETTE OF 16.7 MILLION, 2 MB RAM, FAST 14 MHz 68020 PROCESSOR. PLAYS AUDIO CD's VIA ON SCREEN DISPLAY AND DIGITAL VIDEO CD's WITH OPTIONAL FMV ADAPTOR.

AMIGA CD32 SPECTACULAR VOYAGE PACK WITH MICROCOSM AND CHAOS ENGINE	**240.00**
PLUS TWO PACK AVAILABLE ONLY WHEN YOU BUY A CD32 ELITE 2 CD AND TRIVIAL PURSUIT CD ... JUST ADD	**17.99**
COMMODORE FULL MOTION VIDEO-CD MODULE FOR AMIGA CD-32. GIVES CD-32 HIGH QUALITY FULL MOTION VIDEO CAPABILITY FOR MOVIES, MUSIC VIDEOS AND GAMES THAT FEATURE FULL MOTION VIDEO GAMEPLAY. SIMPLY SLOTS INTO BACK OF CD-32.	**199.99**

COMMODORE CONTROL PAD
16.99

DYNAMICS CONTROL PAD FOR CD-32
16.99

QUICKSHOT SOUNDMATE 4 STEREO SPEAKERS (PAIR) FOR AMIGA, CD-32 OR PERSONAL STEREO. VOLUME AND BALANCE CONTROL, BASS AND TREBLE BOOST, 4W+4W MUSIC
16.99

SCREENBEAT 3 STEREO SPEAKERS (PAIR) FOR AMIGA, CD32 OR PERSONAL STEREO
13.99

SONY SRSA30 PORTABLE SPEAKERS WITH BUILT IN AMPLIFIER, ON/OFF SWITCH, VOLUME CONTROL, 65MM DIAMETER SPEAKERS. IDEAL FOR USE WITH WALKMAN, DISCMAN, CD32 OR AMIGA.	**34.99**
HI-FI AUDIO LEAD - AMIGA/CD32/ST TO STEREO	3.99
MEDIA LIFE CD FILE DRAWER (30 CAPACITY)	15.99
SCREENBEAT MAINS ADAPTOR FOR SCREENBEAT SPEAKERS	7.99

SETTLERS (SAVE £14)	20.99
SPACE LEGENDS (WING COMMANDER, MEGATRAVELLER & ELITE) (SAVE £20)	9.99
SPEEDBALL 2	6.99
SKIDMARKS (SAVE £8)	17.49
UFO (SAVE £11)	23.49
K240 (SAVE £11)	18.49

AMIGA A1200

ALL A1200's INCLUDE:MOUSE, BUILT-IN TV MODULATOR 2 MB RAM EXPANDABLE TO 10 MBFAST 14 MHz 68020 PROCESSORNEW AGA GRAPHICS CHIP SET 256,000 SCREEN COLOURS FROM 16.7 MILLION 4 CHANNEL STEREO SOUNDBUILT IN FLOPPY DISK DRIVE BUILT IN INTERNAL HARD DRIVE INTERFACE (IDE) AND 1 YEAR IN-HOME SERVICE WARRANTY

AMIGA A1200 2/0 DESKTOP DYNAMITE
WITH WORDWORTH 2.0 AGA DESKTOP PUBLISHER, PERSONAL PAINT IV AGA, PRINT MANAGER, OSCAR AND DENNIS 340.00

AMIGA A1200 2/0 COMBAT INNOVATIONS
WITH WORDWORTH 2.0 AGA DESKTOP PUBLISHER, PERSONAL PAINT IV AGA, PRINT MANAGER, DAY BY DAY, TOTAL CARNAGE, BRIAN THE LION AND ZOOL 2 ....340.00

AMIGA A1200 COMBAT INNOVATIONS PACK AS ABOVE WITH INTERNAL 2.5" HARD DRIVE

A1200 2/80 COMBAT + 80 MB DRIVE	510.00
A1200 2/120 COMBAT + 120 MB DRIVE	550.00
A1200 2/170 COMBAT + 170 MB DRIVE	580.00

ADD A PLUS FOUR OR CHAOS PACK IF YOU WISH FOR HARD DRIVE PACKS PLEASE PHONE TO CHECK LATEST PRICE AND AVAILABILITY

AMIGA A1200 2/0 LEMMINGS 2 PACK
WITH LEMMINGS 2 AND DELUXE PAINT 3 ....300.00

AMIGA A1200 LEMMINGS 2 PACK AS ABOVE WITH INTERNAL 2.5" HARD DRIVE

A1200 2/80 LEMMINGS + 80 MB DRIVE	460.00
A1200 2/120 LEMMINGS + 120 MB DRIVE	500.00
A1200 2/170 LEMMINGS + 170 MB DRIVE	530.00

PRICES INCLUDE LEMMINGS 2 AND DELUXE PAINT 3

A600's WHILE STOCKS LAST

AMIGA A600 1/0 WILD, WEIRD AND WICKED, PACK
WITH DELUXE PAINT 3, F1 GRAND PRIX, PUSH OVER AND PUTTY 210.00

• SPECIAL DEAL•

£19.99 SAVE £94

ADD A PLUS FOUR OR CHAOS PACK
WHEN YOU BUY ANY OF THE AMIGAS LISTED ABOVE YOU CAN ALSO PURCHASE ONE (ONLY ONE) OF THESE AMAZING VALUE PACKS

PLUS FOUR PACK
(ELITE 2, BATMAN RETURNS, LEMMINGS 2 & CIVILISATION AGA) ....JUST ADD 19.99

CHAOS PACK A1200
(CHAOS ENGINE, NICK FALDO GOLF, PINBALL FANTASY & SYNDICATE) JUST ADD 14.99

£14.99 SAVE £110

CHAOS PACK A600
(CHAOS ENGINE, NICK FALDO GOLF, PINBALL FANTASY & SYNDICATE) ... JUST ADD ...9.99

SWIFT TP200 JOYPAD FOR AMIGA/ST. TURBO FIRE AND AUTOFIRE	9.99
COMPETITION PRO EXTRA JOYSTICK FOR AMIGA/ST CLEAR BASE, MICROSWITCHED WITH AUTOFIRE (SAVE £4)	11.99
QUICKSHOT 137F PYTHON JOYSTICK FOR AMIGA/ST. AUTOFIRE	9.99
CHEETAH BUG JOYSTICK FOR AMIGA/ST. MICROSWITCHED WITH AUTOFIRE	13.99
SCORPION PLUS JOYSTICK FOR AMIGA/ST ARCADE STYLE WITH TURBO FIRE	10.99
QUICKSHOT 128F MAVERICK 1 JOYSTICK FOR AMIGA/ST. AUTOFIRE (SAVE £4)	11.99
FREEWHEEL STEERING WHEEL (DIGITAL) SUITS MOST DRIVING GAMES (SAVE £4)	25.99
SAITEK MEGAGRIP 2 JOYSTICK FOR AMIGA/ST. AUTOFIRE	11.49
SUPER PRO ZIP STICK JOYSTICK FOR AMIGA/ST. MICROSWITCHED WITH AUTOFIRE	11.99
BOLLISTICK HAND HELD MICRO-SWITCHED AUTOFIRE	9.99
QUICKJOY JET FIGHTER MICRO-SWITCHED, AUTOFIRE	11.99
KONIX SPEEDKING FOR AMIGA/ST AUTOFIRE	11.99
KONIX SPEEDKING ANALOGUE JOYSTICK FOR AMIGA.ENABLES PROPORTIONAL CONTROL ON SUITABLE SOFTWARE. AUTOFIRE	14.99
QUICKJOY FOOT PEDAL FOR AMIGA OR ST	13.99

MEMORY

512K AMIGA RAM NO CLOCK FOR A500 OR A500+	17.99
512K AMIGA RAM + CLOCK FOR A500 OR A500+	19.99
1 MB A500 PLUS RAM UPGRADE + CLOCK	37.99
1 MB A600 RAM UPGRADE + CLOCK	46.99
4 MB PCMCIA UPGRADE FOR A600 OR A1200. PLUGS DIRECTLY INTO SMART CARD SLOT	169.99
OMEGA FPU + 4 MB RAM FOR AMIGA A1200. SPECIFICATION AS FOR OMEGA RAM BUT WITH ADDITIONAL 68881 FLOATING POINT UNIT FOR MATHS AND GRAPHICS ACCELERATION	209.99

LEADS

ANTI-SURGE 4 WAY MULTIPLUG EXTENSION PROTECTS AGAINST ELECTRICAL SURGES.	24.99
ANTI-SURGE PLUG	12.99
HI-FI AUDIO LEAD - AMIGA/CD32/ST TO STEREO (1.5 METRES, 2 X PHONO PLUGS TO 2 X PHONO PLUGS) CAN ALSO BE USED TO CONNECT STEREO VIDEO TO HI-FI, AND HI-FI SEPARATES TOGETHER	3.99
JOYSTICK SPLITTER CABLE FOR AMIGA OR ST. CONNECTS 2 JOYSTICKS TO 1 PORT	6.99
ROBOSHIFT INTERFACE FOR AMIGA OR ST PLUGS MOUSE AND JOYSTICK INTO ONE PORT	13.99
PORT EXTENSION ADAPTOR FOR AMIGA OR ST (PACK OF TWO) EXTENDS BY 21 CM	6.99
ANALOGUE JOYSTICK ADAPTOR FOR AMIGA ALLOWS ANY 15-PIN PC JOYSTICK TO BE USED WITH GAMES THAT FEATURE ANALOGUE CONTROL	7.99
NULL MODEM CABLE (CONNECTS 2 COMPUTERS FOR HEAD TO HEAD PLAYING ON CERTAIN GAMES SUCH AS POPULOUS, FALCON, KNIGHTS OF THE SKY, FORMULA 1 GRAND PRIX AND VROOM)	9.99
PRINTER LEAD (PARALLEL) 1.5 METRES	7.99
SCART LEAD - AMIGA CD32 TO TV WITH SCART INPUT. REQUIRES TV WITH MANUAL SCART CHANNEL.	9.99
SCART LEAD - AMIGA TO GOLDSTAR TV	9.99
SCART LEAD - AMIGA TO PHILIPS TV	9.99
SCART LEAD - AMIGA TO SAMSUNG	9.99
SCART LEAD - AMIGA TO SONY TV	9.99
SCART LEAD - AMIGA TO TOSHIBA/HITACHI TV	9.99
SCART LEAD - AMIGA TO TV WITH SCART INPUT	9.99
TV LEAD - AMIGA CD-32 TO SVHS TV OR VIDEO	9.99
MONITOR LEAD - CD32 TO CM8833 1084S	9.99
MONITOR LEAD - AMIGA TO CM8833 1084S	9.99
ZYDEC AMIGA POWER SUPPLY (SPECIAL COOL RUNNING TRANSFORMER)	31.99

COMPUTER CARE

CLEANING KIT FOR COMPUTERS (WITH VACUUM)	17.99
DUST COVER FOR 80 COLUMN PRINTER (CLEAR)	4.99
DUST COVER FOR A1200 (CLEAR PVC)	4.99
DUST COVER FOR A600 (CLEAR PVC)	4.99
DUST COVER FOR A500 OR ATARI ST (CLEAR PVC)	4.99
DUST COVER FOR MONITOR (CLEAR PVC)	5.99
MOUSE HOUSE (HANDY PLACE TO STORE YOUR MOUSE)	4.49

CONTROL CENTRES

PREMIER UNI- CENTRE FOR AMIGA. STRONG UNIVERSAL STAND FOR COMPUTER, MONITOR STAND AND SHELF FOR EXTERNAL PERIPHERALS. (COMES FLAT PACKED)	36.99
PREMIER UNI- CENTRE PLUS FOR AMIGA, EXTRA LENGTH VERSION FOR OVERDRIVE AND OTHER PERIPHERALS	42.99

DIGITISERS SAMPLERS SCANNERS

TECHNOSOUND TURBO 2 SOUND SAMPLER REAL TIME SPECIAL EFFECTS. WORKS WITH ANY AMIGA. 1 MB RAM REQUIRED.	29.99
VIDEOMASTER FOR A500 OR A500+. COMBINED VIDEO DIGITISER AND AUDIO SAMPLER (1 MB)	49.99
ZYDEC HANDY SCANNER FOR ANY AMIGA. 100-400 DPI HIGH QUALITY RESOLUTION. 64 SIMULATED GREYSCALES. INCLUDES DAATASCAN PROFESSIONAL SOFTWARE	95.99

OVERDRIVE CD ROM FOR A1200

NEW CD ROM FOR A1200

EXTERNAL CD ROM DRIVE COMPLETE WITH INTERFACE (PLUGS INTO PCMCIA PORT). RUNS MOST EXISITING CD-32 SOFTWARE, PHOTO-CD, CD AUDIO AND CD+G DISCS. DOUBLE SPEED MULTI-SESSION DRIVE UNIT WITH MOTORISED TRAY LOADING. EXTERNAL POWER SUPPLY ALSO INCLUDED. AMIGA AND CD AUDIO CAN BE MIXED. 1 YEAR WARRANTY. **184.99**

THE WORLD'S FIRST PCMCIA SLOT CD ROM DRIVE FOR THE AMIGA A1200.

NEW LOW PRICES

OVERDRIVE V.3 HIGH SPEED HARD DRIVES FOR AMIGA A1200

"THE FASTEST DRIVE EVER REVIEWED BY CU" 3.5" QUALITY IDE HARD DRIVE, AVERAGE ACCESS TIME 12MS, STYLED TO MATCH AMIGA EASY INSTALLATION - PLUGS INTO PCMCIA SLOT AQ TOOLS AND 1 YEAR WARRANTY

OVERDRIVE V.3 170 MB EXTERNAL HARD DRIVE FOR AMIGA A1200	229.99
OVERDRIVE V.3 210 MB EXTERNAL HARD DRIVE FOR AMIGA A1200	249.99
OVERDRIVE V.3 250 MB EXTERNAL HARD DRIVE FOR AMIGA A1200	269.99
OVERDRIVE V.3 340 MB EXTERNAL HARD DRIVE FOR AMIGA A1200	299.99
OVERDRIVE V.3 420 MB EXTERNAL HARD DRIVE FOR AMIGA A1200	329.99

INTERNAL HARD DRIVES FOR AMIGA A1200 & A600

HARD DRIVES: HIGH SPEED 2.5" DRIVE, 15 MS ACCESS TIME (APPROX). 1 YEAR WARRANTY. KIT COMPLETE AND EASY TO FIT. DRIVES FULLY PREPARED NOTE THAT OPENING YOUR AMIGA MAY INVALIDATE THE WARRANTY.

64 MB INTERNAL HARD DRIVE 32K CACHE (CONNER) FOR AMIGA A1200	135.99
64 MB INTERNAL HARD DRIVE 32K CACHE (CONNER) FOR AMIGA A600	135.99
80 MB INTERNAL HARD DRIVE 64K CACHE (IBM) FOR AMIGA A1200	149.99
80 MB INTERNAL HARD DRIVE 64K CACHE (IBM) FOR AMIGA A600	149.99
120 MB INTERNAL HARD DRIVE 64K CACHE (AREAL) FOR AMIGA A600	189.99
120 MB INTERNAL HARD DRIVE 64K CACHE (AREAL) FOR AMIGA A1200	189.99

SCART TV's AND MONITORS

SONY KVM1400 14" FST COLOUR
SCART TV/MONITOR WITH REMOTE CONTROL 60 CHANNEL TUNING, REAR SCART INPUT HEADPHONE SOCKET, TWO POSITION TILT BLACK TRINITRON SCREEN, LOOP AERIAL, FREE SCART LEAD

SONY KVM1400 (GREY)	194.99
SONY KVM1400 (WHITE)	194.99
SONY KVM1401BL FASTEXT	244.99

SHARP 14" COLOUR
SCART TV/MONITOR WITH REMOTE CONTROL 40 CHANNEL TUNING, REAR SCART INPUT, ON SCREEN DISPLAY, ON/OFF TIMER, FREE SCART LEAD
SHARP 14" 174.99

FREE SCART LEAD
(STATE AMIGA, CD32, ST, MEGADRIVE 1 OR 2, OR SNES)

SAVE £30

MICROVITEC 1438 MULTI-SYNC MONITOR
FOR AMIGA A1200/A4000 OR PC. COMPLETE WITH STEREO SPEAKERS. 0.28 DOT PITCH RESOLUTION,15 PIN RGB DIN PLUG. AMIGA ADAPTOR PLUG INCLUDED. SUITS ALL AMIGA AGA AND ALL PC SCREEN MODES TO SVGA.
1 YEAR WARRANTY. 299.99

DISK DRIVES

EXTERNAL 3.5" DISK DRIVE FOR ANY AMIGA WITH SONY/CITIZEN DRIVE MECHANISM. 880K FORMATTED, QUIET, HIGH QUALITY, SLIM LINE DESIGN, COLOUR MATCHED METAL CASE AND LONG REACH CABLE	49.99
ZYDEC INTERNAL 3.5" DISK DRIVE FOR AMIGA A500 OR A500+ REPLACES EXISTING DRIVE (INVALIDATES WARRANTY)	49.99

ALFA MEGAMOUSE 400 FOR AMIGA OR ST. 400 DPI, HIGH QUALITY MOUSE	13.99
EKLIPSE MOUSE, MICROSWITCHED 290 DPI FOR AMIGA	10.99
MOUSE MAT WITH SPONGE BACKING	4.99

SPECIAL RESERVE BRITISH MADE ERROR FREE DISKS

PACK OF 10 SPECIAL RESERVE 3.5" DSDDDISKS WITH LABELS & FREE PLASTIC FLIP TOP DISK BOX	5.99
PACK OF 50 SPECIAL RESERVE 3.5" DSDD DISKS WITH LABELS	18.99

DISK BOXES

DELUXE DISK BOX 3.5" (80) LOCKABLE, DIVIDERS	9.99
MEDIA LIFE FILE DRAWER, STACKABLE 100 CAPACITY 3.5" DISKS	14.99
200 CAPACITY 3.5" DISKS	16.99
30 CAPACITY CD's	16.99

SPECIAL RESERVE
HEAVY discounts
HUGE range

Special Reserve
The Discount Club

FREE - 16 page colour catalogue - just phone
0279 600204

HUGE range of hardware, software, books, peripherals and leads for PC, CD Rom, Amiga, CD32, Sega, Nintendo, Atari, Apple, Sony, Philips and 3DO. All official UK products, all at HEAVILY discounted prices

Order by post, or by phone or come to one of the Special Reserve

CLUB SHOPS OPEN 10am to 8pm SEVEN DAYS A WEEK
CHELMSFORD - 43 Broomfield Rd around the corner from the bus station
SAWBRIDGEWORTH - The Maltings 200 yards from the train station

Over 200,000 people have joined Special Reserve

ALL PRICES INCLUDE VAT AND CARRIAGE

CD32 SPECTACULAR VOYAGE	...240.00
GAMEBOY + FREE KIRBY'S DREAMLAND	39.99
ATARI JAGUAR CYBERMORPH	...219.99
PHILIPS CDi 450 INT TENNIS	...279.99
PANASONIC 3DO TOTAL ECLIPSE	...395.99
SEGA GAME GEAR + 5 GAMES	... ...85.99

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN
Members receive our 48-page Colour Club Magazine bi-monthly Each issue reviews a selection from our extensive range and includes at least £30 worth of coupons for additional savings on top products Members are under no obigation to buy anything

MEMBERSHIP FEES	UK	EC	WORLD
SIX MONTHS TRIAL	4.00	6.00	7.00
ONE YEAR	7.00	9.00	11.00

ONE YEAR PRICE INCLUDES SIX ISSUES OF THE SPECIAL RESERVE MAGAZINE WITH £180 OF XS COUPONS

Credit Card Sales 0279 600204 10am to 8pm Daily

CHOICE OF SERVICE - PLEASE READ BEFORE YOU ORDER
All prices include VAT and 2-3 working day carriage to UK mainland
Software and peripherals are sent by post, hardware by White Arrow
Please add 40p per posted item if you require first class post
Please add £10 per hardware item if you require overnight carriage
Hardware items (battery or mains) are only supplied to the UK mainland
Allow one or two days for processing and despatch of stock items
All items are individually despatched and may not arrive together
An order confirmation/despatch advice/VAT receipt will follow
Overseas orders must be paid by credit card (no hardware sold overseas)
Overseas surcharge £2.00 per software item or 25% on other items

(BLOCK CAPITALS please)
Name & Address ____ AERO
CU AMIGA
____
____ Postcode ____
If PC please state DISK or CD ROM
Phone No ____ Machine ____
Enter membership number (if applicable) or
NEW MEMBERSHIP FEE (ANNUAL UK 7.00)
item
item
item
item
Please use this box to add any optional fast delivery charge
1st Class Post 40p per posted item or £10 overnight hardware £
ALL PRICES INCLUDE UK POSTAGE & VAT £
Cheque/P.O./Access/Mastercard/Switch/Visa
CREDIT CARD EXPIRY DATE SIGNATURE SWITCH (ISSUE NO
Cheques payable to: **SPECIAL RESERVE at**
P.O. BOX 847, HARLOW, CM21 9PH
or FAX a credit card order on 0279 726842

Inevitably some games listed may not yet be available. Please phone sales to check availability before ordering. We reserve the right to change prices and offers without prior notification. PRICES CORRECT AT TIME OF GOING TO PRESS. 25.8.94 E.& O.E. Inter-Mediates Ltd, 2 South Block, The Maltings, Sawbridgeworth, Herts. CM21 9PG.

SAVE £2.00

NEW MEMBERS - THIS VOUCHER IS WORTH £2.00. JUST DEDUCT £2.00 OFF THE PRICE OF ANY ONE ITEM ORDERED AS YOU JOIN FOR ONE YEAR OR MORE. USE BY POST OR BY PHONE ON 0279 600204. Offer applies to Memberships of one year or over, bought before October 30th 1994

PHONE FOR ALL AMIGA COMPUTER PRICES. STOCKS ARE LIMITED!!!

the harwood Directory

We've been established since 1955 providing Computer Systems since 1982. We always emphasise our quality of service which includes facilities that you may be charged for elsewhere...

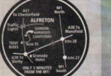
In Derbyshire, Nottinghamshire and by Mail Order... NATIONWIDE! Always with speedy delivery!

WHY BUY FROM HARWOODS?

- FREE DIRECT DELIVERY SERVICE
- FREE WARRANTY COLLECTION (see page 1 ✚ for full details)
- FREE HELPLINE SUPPORT
- CREDIT & CHARGECARD FACILITIES
- FINANCE FACILITIES AVAILABLE

VISIT OUR SPACIOUS SHOWROOM...
WHY NOT TAKE A TRIP OUT TO VISIT US AND COME AND SEE OUR FULL ADVERTISED RANGE, AND MORE! EVERYTHING IS AVAILABLE AT THE SAME COMPETITIVE PRICES (Please see opening times). THERE'S PLENTY OF FREE PARKING CLOSE BY:

We are open...
MON to SAT 9.00am til 5.30pm,
Wednesday 9.00am til 1.00pm



How to order...

BY PHONE: Phone our Order Hotline with your Access, Visa, Mastercard, Connect, Delta, Switch or Lombard Creditcharge Card quoting card number & expiry date (most Dixons, Currys, and other 'store' cards are Lombard Creditcharge and are happily accepted by us) & issue number where necessary (eg. Switch etc)

BY POST: Make cheques, bankers/building society drafts or postal orders payable to GORDON HARWOOD COMPUTERS. (Personal/business cheques take 7 days to clear from day of receipt whereupon your order will be despatched). Please send Name, Address, and most importantly if possible, a Daytime Telephone Number along with your order requirements. Please check you are ordering from our latest advertisement before ordering (phone if you require confirmation).

PRICES: Please remember that for example "September issue" magazines may be on sale during July, meaning that prices and offers advertised therein (which may appear up to date), could have been changed (we often have to provide artwork to magazines up to a month before the magazine is on sale). We therefore reserve the right to alter a specific item or pack price (either up or down) in the unlikely event of the cost price we pay changing. Please phone FIRST!

EXPORT: Most items are available at TAX FREE PRICES to non UK residents and service personnel. BFPO orders require a covering letter/certificate from your CO stating your service overseas to qualify for VAT FREE pricing. Please contact us for confirmation of export prices before ordering.

FREE DELIVERY: by Parcel Force (UK Mainland only) OR: SPEEDY NEXT WORKING DAY COURIER SERVICE. Add just £6.95 per major item for guaranteed delivery (or £10.00 for Saturday delivery), UK Mainland most regions. (Despatch normally on day of order or payment clearance). Overseas rates on request.

All listed prices are what YOU PAY, and there are NO HIDDEN EXTRAS. Prices are correct at time of going to press (Pack details may vary from time to time). Offers and Services are subject to availability and to being the latest advertised products, packs and prices. Please note goods are not supplied on a trial basis. E&OE.

Why Harwoods?

WHEN THERE ARE SO MANY DEALERS TO CHOOSE FROM WHY SHOULD YOUR CHOICE BE GORDON HARWOOD COMPUTERS?
Well here's just a few GOOD reasons...

FREE SERVICE POLICY...

- ✚ NEW Replacements for faulty goods (first 30 days)
- ✚ FREE UK Mainland collection of major hardware units requiring warranty service in the first year (unless on-site warranty is applicable)
- ✚ FREE rapid courier return of serviced products
- ✚ ACCESS to our ex-directory Customer Helpline

'LifeTime' Warranty Plan

Add an Extended Warranty to ANY hardware from Harwoods! Take up to 5 yrs cover & at the end of that period extend again on an annual basis... Thus, a LIFETIME's PEACE OF MIND. Fully transferable, enhancing resale values! Even available on hardware purchased elsewhere - Phone for details!

REST ASSURED

AMIGA MONITORS...

PHILIPS PRO 2000 15" COLOUR SUPER-RES MONITOR/TV

SPECIAL 2000 CHARACTER HIGH DEFINITION MONITOR TUBE
NEW LOWER PRICE!

The best of both Worlds - A Quality Computer Display AND fully featured FST High Definition TV! InfraRed, FastText Teletext, Loop Aerial, Headphone Socket complete with FREE leads to connect straight to your Amiga!

a Brilliant Combination... Only...£229.95

MICROVITEC AUTOSCAN 1438
14" Colour Hi-Resolution MultiSync

.28 Dot Pitch Colour Hi-Resolution Monitor (uses separate speakers). This one is ideal for ALL Amigas, ST's, PC SVGA, Acorn etc., Conforms to Swedish MPR2 ClassB emission standards. A FANTASTIC 14" DISPLAY AT A FABULOUS PRICE...

Without Speakers... £299.99 With external stereo Speakers... £329.99

PHILIPS CM 8833 COLOUR 14" STEREO MONITOR

Plugs straight into your Amiga using the FREE cable from Harwoods. Available in LIMITED QUANTITIES NOW - Phone! Only £234.99

STOCKS AVAILABLE NOW!

AMIGA BOOKSHOP

NEW... Amiga Workbench 3 A-Z	£14.50
Amiga 1200 Insider Guide	£14.50
Amiga Assembler Insider Guide	£14.50
Mastering Amiga Dos V2 Vol.1	£18.95
Mastering Amiga Dos V2 Vol.2	£18.50
Mastering Amiga Dos V3 Reference	£19.50
Mastering Amiga Dos V3 Tutorial	£19.50
Mastering Amiga AMOS	£18.50
Mastering Amiga AREXX	£19.50
Amiga Disks and Drives	£14.50
Mastering Amiga Printers	£18.50
A1200 Next Steps	£14.50
A1200 Beginners Pack. Including: 2 Starter Books, Video & Tutorial Disks	£37.95

A COMPLETE RANGE OF OTHER BOOKS ALWAYS AVAILABLE - PHONE US!

ASK ABOUT OUR WIDE RANGE OF BRUCE SMITH BOOKS

VALUE PACKED AMIGA PRINTERS

ALL our printers are supplied with cable, paper and labels FREE OF CHARGE! Dot Matrix models also come with a tailored dust cover FREE. Specific Amiga driver software is included with EVERY printer FREE!

Stylus COLOR
NEW

NEW HIGH QUALITY 720dpi A4 EPSON *Stylus Colour* INKJET PRINTER

A great quality output at up to 720dpi is achievable with this fantastic new inkjet. Choose either Super, Best or Draft modes. Ideal for school projects, business graphics and high quality colour visuals and proofing. CMYK system using 360 x 360 dpi on plain paper or 720 x 720dpi on special paper. Also prints on envelopes and OHP film. LOOK AT LATEST MAGAZINE REVIEWS TO SEE JUST HOW GOOD IT IS!

Only... £499.95

CITIZEN

120D+ - 9Pin Mono	£129.95
Swift 90 - 9Pin Mono	£149.95
Swift 90 - 9Pin Colour	£164.95
Swift 200 - 24Pin Mono	£179.95
Swift 200 - 24Pin Colour	£189.95
Swift 240 - 24Pin Mono	£204.95
Swift 240 - 24Pin Colour	£229.95
ABC 24 - 24Pin Mono	£139.95
ABC 24 - 24Pin Colour	£159.95

RIBBONS...	MONO	COLOUR
120D	£3.95	NONE
90/C	£3.95	£15.95
24/200/240	£4.45	£15.45

ACCESSORIES...	
9/24Pin, 80Column Colour Kit (not 124)	£37.95
24Pin, 32K RAM Exp. (not 200/240)	£13.95
24Pin, 32K RAM Exp. for 200/240	£19.95
24Pin, 128K RAM Exp. (not 200/240)	£32.95

AUTO SHEET FEEDER, All 80 ColUMN Models (Please state type order) £84.95

Canon

CANON INKJET RANGE...

BJ10sx Mono - 360dpi (Ask for Black or Cream Casing)	£199.95
BJ200 Mono - 360dpi, 250cps with auto sheet feed	£239.95
BJ230 Mono - 360dpi, 248cps, A4/A3, ASF	£329.95
BJC600s Colour - 360dpi 240/170cps, 8 Fonts, 12 MTHS ON SITE MAINT. AVAILABLE	£534.95

AUTO SHEET FEEDER BJ10sx in Black or White (state colour order) £84.95

PRICE CRASH! ALL CANON PRICES NOW EVEN LOWER!

INKJET CARTRIDGES:	
BJ10ex/sx*	£15.95
BJ200/230§	£15.95
BJ600-Black	£6.95
BJ600-Cyan	£8.95
BJ600-Magenta	£8.95
BJ600-Yellow	£8.95
BJC600-CMYK Pack of Ink Cart.	£32.95
BJ800-Black#	£16.95
BJ800-Cyan#	£21.95
BJ800-Magenta#	£21.95
BJ800-Yellow#	£21.95

(Also for... *Apple StyleWriter I... # Apple Colour... § Apple StyleWriter II)

Hewlett Packard

310 DESKJET - Mono	£229.95
310 DESKJET - Colour	£264.95
NEW MODELS...	
520 DESKJET - Mono	£269.95
560 DESKJET - Colour	£519.95

	MONO	COLOUR
INKJET CARTRIDGES:		
Deskjet/Deskwriter	£23.95 (DoubleLife)	£27.95
Paintjet	£26.95	£28.95
PAPER/TRANSPARENCY FILM:		
Single Sheet		£18.95
Z-Fold		£20.95
Transparency Film (50 Sheets)		£49.95

SHEET FEEDER FOR THE HEWLETT PACKARD HP 310 PRINTER £49.95

TURBO MEMORY & ACCELERATORS FOR A MORE POWERFUL AMIGA

AMIGA SYSTEM AND CONFIGURATION TESTED...	MIPS	Price per MIP giving true cost/ performance comparison
Standard Amiga A500-600-1500-2000	0.55	
Standard Amiga A1200	1.33	
Standard Amiga A4000 68EC030 (2Mb Chip RAM, 4Mb Fast RAM)	4.43	
Amiga A1200 & Blizzard 1220/4 Turbo Memory, 4Mb RAM & 28Mhz 68EC020	5.05	£45.53**
Amiga A1200 and Blizzard* 1230-II Turbo Accelerator 40Mhz 68EC030	7.06	£52.39**
Amiga A1200 and Blizzard* 1230-II Turbo Accelerator 50Mhz 68030 with MMU	8.84	£49.76**
Amiga A1200 & Power Viper* 68030 Turbo Accelerator 50MHz 030 with MMU	5.55	£52.24**

*MIPS readings taken with RAM fitted. **Price comparisons based on units with 4Mb RAM.

THE ACCLAIMED BLIZZARDS
The BEST Price & Performance Around!!!

1220/4 Turbo Memory

Even more powerful than its predecessor (which had already received the coveted Amiga Format Gold Award).

1. 4Mb AUTO-CONFIGURING 32Bit FAST RAM as standard (with an option of a further 4Mb to a total of 8Mb).
2. Integrated Clock Speed Doubler to run the FAST RAM at 28MHz - overall performance increase up to 300% over a standard A1200
3. Integral Battery-Backed Real Time Clock
4. Board can be disabled WITHOUT removal - full game compatibility
5. Sockets for Maths FPU & Crystal-68881/82 upto 40MHz speed.
6. Retains computers on-site warranty
7. Easy to fit in computers Expansion Trapdoor
8. Latest SMT (surface mounted technology)
9. Full 12 Months Warranty

BLIZZARD 1220/4Mb BOARD	£229.95
4Mb RAM EXPANSION (Blizzards Own)	£169.95
33MHz. FPU MATHS CO-PRO	[illegible]

1230-II Turbo Memory/Accelerators

NEW LOWER PRICES!

Choose either... 40MHz or 50MHz Accelerators to make your Amiga A1200 REALLY ACCELERATE FASTER!!!

1. The highest rated Accelerator in the recent Amiga Format review!
2. 400-500% performance increase on all applications (when the 1230-II has 1Mb. or more RAM installed).
3. Optional fast (up to 10Mb/sec) DMA SCSI-II interface for CD ROM etc. (CDTV, ISO-9660 Formats), Removables (eg Syquest, etc)
4. 40MHz 68EC030 CPU or 50MHz 68030 CPU with MMU
5. Up to 50MHz 68882 PLCC/PGA FPU's (Maths Co-Pro)
6. Up to 64Mb of 32-Bit RAM using standard 72 Pin SIMMS
7. Easy trap door installation. Does NOT invalidate your Amigas warranty
8. Incorporates a Battery backed real time clock

BLIZZARD 1230-II TURBO - 40MHz:		
68EC030	(0Mb.)	£229.95
68EC030	(1Mb.)	£279.90
68EC030	(2Mb.)	£319.90
68EC030	(4Mb.)	£369.90
68EC030	(8Mb.)	[illegible]
BLIZZARD 1230-II TURBO - 50MHz:		
68030 & MMU	(0Mb.)	£299.95
68030 & MMU	(1Mb.)	[illegible]
68030 & MMU	(2Mb.)	[illegible]
68030 & MMU	(4Mb.)	[illegible]
68030 & MMU	(8Mb.)	[illegible]
MATHS CO-PROCESSORS (FPU's):		
	33MHz. FPU	[illegible]
	40MHz. FPU	[illegible]
	50MHz. FPU	£89.95
1230 ACCELERATOR EXPANSIONS:		
NEW... SCSI-II Module		£89.95

VIPER Turbo Memory/Accelerators

NEW LOWER PRICES!

Viper 68030 Turbo
Amiga 1200 accelerator board

VIPER 0Mb (No FPU)	£149.95
VIPER 2Mb (No FPU)	£239.90
VIPER 4Mb (No FPU)	£289.90
VIPER 8Mb (No FPU)	£409.90

- ☆ Full 030 and MMU running at 28MHz
- ☆ Optional FPU running at up to 50MHz
- ☆ Standard 72Pin SIMMS sockets, RAM upgradable to 128Mb using 1,2,4,8, 16,32,64 or 128Mb SIMMS
- ☆ Optional SCSI adaptor and 68882 Maths Co-Processor
- ☆ On Board battery backed clock

HARD DISK DRIVES

A1200 Internal Hard Drives

FREE ESSENTIAL HARD DRIVE MANUAL WITH ALL OUR INTERNAL DRIVES

UPGRADE YOUR AMIGA A1200 TO TODAY'S SPECS BY ADDING SOME REAL STORAGE SPACE. ALL OUR DRIVES ARE 2.5" STANDARD IDE HARD DRIVES NOT 3.5" ALTERNATIVES!!!

SIZE	85Mb	130Mb	250Mb	340Mb
SELF FIT	£154.95	£189.95	£269.95	£334.95
FITTED	£179.95	£214.95	£294.95	£359.95

IF YOUR DRIVE IS FITTED BY OUR ENGINEERS, FOR JUST £25, YOU WILL BENEFIT FROM...
1. Speedy collection of your Amiga 2. Fitting by experienced technicians
3. Hard Disk configuration including installation of back up and repair utility software
4. FULL 1Year HARWOODS GOLD warranty on BOTH Hard Drive AND existing computer!
5. Courier delivery back to you 6. Formatting with Workbench installation

NO ONE ELSE OFFERS ALL THIS... you normally get warranty ONLY for the Hard Drive!

A600/1200 Portable/External Hard Drives

NEW LOWER PRICES!

OVERDRIVE
OVERDRIVE '25'
ARCHOS
AmiQuest

FAST, FULLY PORTABLE, & EASY TO FIT!!!
This fantastic new standard 2.5" IDE Drive is FASTER than those internally fitted by Commodore, and... it's TRULY PORTABLE ☆ *Super Compact Design that fits into your Pocket for True Portability - Weighs Only 288g!* ☆ *Fitted Footprint only 7.6x11.5cm (3"x4.5")* ☆ Plugs straight into PCMCIA Slot ☆ *Faster Access Times than Internal Drives* ☆ *Can be used as a 2nd HD - ideal for backups* ☆ *High Quality Robust Casing* ☆ *Supplied complete with Installation Software* ☆ *12 MONTHS WARRANTY!*

Capacity	85Mb	130Mb	250Mb	340Mb
PRICE	£224.95	£254.95	£324.95	£399.95

A1200 External Hard Drives

An EXTERNAL Hard Drive that plugs into the PCMCIA slot of your A1200 & retains its FULL Commodore Warranty!
THE EASY TO FIT ANSWER FEATURING...
ABS Casing styled to match your A1200, 2Mb./sec FAST Transfer Rates, Manual & Installation Software, Independent PSU, ALL our Overdrives are pre-formatted, fully tested and ready to go!

OVERDRIVE '35'
540Mb Capacity PRICE CRASH!
OVERDRIVE

Capacity	210Mb	340Mb	420Mb	540Mb
PRICE	£249.95	£289.95	£299.95	£349.95

AlfaPower A500 Ext. Hard Drives

An external IDE Hard Drive Casing. Simply plugs into your A500/500+. Takes either - two 2.5" or one 3.5" Hard Drive(s) allowing various configurations up to 680Mb!!! Auto-Boot, Auto-Config, c/w Manual and Software. IDEAL with Supra Turbo, Transform Your System!

From just... £264.95 inc. 130Mb HD!

IN STOCK NOW!

NEW

HARWOODS PRO-GRAB 24RT™

NEW

REAL TIME 24 BIT COLOUR VIDEO DIGITISER

A GREAT NEW DIGITISER AVAILABLE AT A FRACTION OF THE PRICE YOU'D EXPECT!
☆ Grab images in up to 16.7 Million Colours ☆ Use Any standard Composite Video Source (ie. Video, TV, Satellite, Video Camera etc.) ☆ 512K of Built In Memory ☆ Can be used on ALL Amigas with Kickstart 2.04 or higher and 1.5Mb RAM (more req'd for highest resolutions/colours). ☆ Max 24Bit Buffer Res. 736x283 or 736x512 (interlaced) ☆ Max Display Res. up to 1472x512 HAM8 (on AGA machines) ☆ External connection cable supplied (for convenient desktop location) ☆ Colour Co-ordinated ABS Casing ☆ Includes PSU ☆ Reliable SMT Technology ☆ Full Status Confirmation LED's ☆ Now INCLUDES FREE... Teletext Decoder Software

FANTASTIC VALUE VIDEO DIGITISER ONLY...£129.95

HAMA GENLOCKING EQUIPMENT

hama

A GREAT RANGE OF GENLOCKS FOR ALL AMIGAS THAT WILL GIVE YOU PROFESSIONAL VIDEO/COMPUTER EFFECTS - Phone for in-store demonstration.

HAMA 292 GENLOCK

S-Video and Composite Compatible. Incorporates Single Fader Control, RGB Colouration Controls etc.

Call for latest price!

HAMA 290 GENLOCK

S-Video and Composite Compatible. Incorporates a Video Mixer, Dual Fader Controls, Monitor Throughport etc.

Call for latest price!

GREAT SUPRA PRODUCTS

Supra Corporation

A500/500+ TURBO 28MHz ACCELERATOR BOARDS

Compatible with ALL A500's & A500 Plus
(Please ask about 1500/2000 versions)

1. Plugs into sidecar/expansion slot
2. Accelerates Amiga - up to 4 TIMES FASTER
3. Throughport for RAM/Hard Drive Expansion etc.

Amiga MUST have some FAST RAM (only std A500 Plus does not). Any sidecar or GVP HD RAM already fitted is FAST RAM.

A1200 Performance...£129.95

IDEAL FOR USE WITH ALFAPOWER HARD DRIVES ON A500/500+ SYSTEMS (see this ad)

SUPRA Turbo

SUPRA AMIGA FAX/DATA MODEMS

14,400
14,400 bps

SUPRA FAXModem 144LC (V.32bis) £139.95
Transmit & receive faxes and data at up to 14400bps. Amiga cable & modem to modem COMMS s/w included. (Fax software available separately SEE DETAILS).

SUPRA FAXModem V.32bis £169.95
Transmit/receive faxes/data at upto 14400bps. Cable & modem to modem COMMS s/w inc. Fax s/w avail. separately (see details). SilentAnswer Facility, LED Readout

NEW SUPER FAST SUPRA FAX MODEM

SUPRA V.FAST FAXModem 288 £229.95
Fax at a stunning 14400 bps or send Data at an even more remarkable 28800 bps!!! Amiga cable and modem to modem COMMS software included (FAX software available separately - see details)

SPECIAL OFFER... GP FAX SOFTWARE required for any of the above to transmit & receive faxes... ONLY £49.95

AMIGA RAM (MEMORY) UPGRADES

Upgrade your Amiga's RAM easily...

A500 0.5Mb RAM Trapdoor U/G with Clock	£32.95
A500+ 1Mb RAM Trapdoor U/G with Clock	£29.95
A600 1Mb RAM Trapdoor Upgrade	£39.95

A600/1200 PCMCIA RAM Upgrades...

2Mb RAM for Smart Card Slot	£119.95
4Mb RAM for Smart Card Slot	£174.95

AMIGA EXTERNAL FLOPPY DRIVES

NEW... **Amitek 3.5"**, built in antivirus checker and free disk head cleaning kit £62.95

Cumana 3.5", throughport, long cable, free head cleaner £59.95

Power 3.5" Drives - See below for details

3.5" REPLACEMENT INTERNAL DRIVES...
For A500/500+ £49.95 For A600/1200+ £54.95 For A1500/2000+ £59.95

'POWERDRIVE 880K' 3.5" EXTERNAL... £59.95
NEW... Anti-Click, Anti-Virus, Sony Drive Mechanism with Isolation Switch & Thru-Port. Fully Upgradable to 'XL 1.7Mb' Spec. Built-in back up hardware - fully Cyclone compatible. Includes Blitz & Floppy Expander Software giving 1.4Mb per floppy! 2 YR WARRANTY

CYCLONE SOFTWARE for 'POWERDRIVE 880K' £14.95

'POWERDRIVE XL 1.7Mb HD' 3.5" EXTERNAL 1.7Mb. capacity, free head cleaning kit £99.95

'POWERDRIVE 880K' NOW WITH FREE BLITZ SOFTWARE & FLOPPY EXPANDER GIVING 1.4Mb!

AMIGA ACCESSORIES AND SOFTWARE

HQ Microswitched MEGA MOUSE	£11.95
HQ Microswitched superb smooth 400dpi Resolution MEGA MOUSE	£13.45
HQ Optical Microswitched mouse	£28.95
Alpha Data Mouse Pen	£32.95
HQ Microswitched Trackball	£29.95
Auto Mouse/Joystick Switcher	£17.95

JOYSTICKS

Midi interface Sport	£24.95
JOYSTICKS...	
Zipstick Autofire	£11.95
The 'BUG'	£14.95
Full range of Quickjoy and other joysticks stocked	Phone!

MOUSE MECHANIC
Use over & over!
No fluid required
Only £4.99+p&p

10 TDK 3.5" DS DD	£6.95
50 TDK 3.5" DS DD	£29.95
10 TDK 3.5" DS HD	£8.95
50 TDK 3.5" DS HD	£39.95
Certified Bulk Disks with labels:	
10 with library case	£4.95
50 Disks - only...	£19.95
100 Disks - only...	£35.95
250 Disks - only...	£79.95
3.5" Disk Head Cleaner essential for reliable loading	£2.95

Upgrade from Wordworth to Final Writer at SPECIAL PRICES - Phone!!!

PEN PAL V1.5	£34.95
FINAL COPY II Rel. 2-AGA	£49.95
FINAL WRITER Rel. 2-AGA	£74.95
MINI OFFICE	£39.95
SCALA HT100	£35.95
DELUXE PAINT 4.1	£64.95
DELUXE PAINT 4 AGA	£74.95
VISTA PRO 3	£29.95
VISTA PRO LITE	£29.95
ART DEPT. PRO 2.5	£149.95
REAL 3D CLASSIC	£74.95
REAL 3D V2.0	£399.95

CALIGARI	£97.95
BRILLIANCE 2 Limited Price	£49.95
IMAGINE 3	£109.95
X CAD 200 New Low Price	£22.95
X CAD 3000 New Low Price	£227.95
ART EXPRESSION	£144.95
GB ROUTE +	£34.95
DISK EXPANDER	£32.95
PC TASK	£37.95
BLITZ BASIC 2	£54.95
DIRECTORY OPUS 4	£51.95
Lots more Software too...	PHONE!

gordon **harwood** computers limited

Order Hotline 01-773 836781

Dept. cua/K7 NEW STREET ALFRETON DERBYSHIRE DE55 7BP
Facsimile: 01-773 831040

The Best Selling Word Processor and Database for the Amiga...

Pen Pal

Since its launch, Pen Pal has become the most popular package of its type!

Not surprising when you consider the array of extensive features at your fingertips. Combined with its user friendly simplicity, it was bound to be a winner!
Amiga Format, when reviewing word processors, said there was "little to fault Pen Pal". Quite a prediction it seems as in a later feature they confirmed Pen Pal was "still the best value for money".
If you're not already a Pen Pal user, we hope you soon will be - because at the new lower price of just...

New Lower Price!
The Cheetah

£39.95rrp

the current Best Seller is bound to sell even better!

Pen Pal is a superb package with immense power to fulfil all your Word Processing needs, and... a truly comprehensive Database too! Pen Pal is easy to use though and the extensive 250 page manual is on hand should you need it. Users frequently tell us that they've never found a program they get on with so well.

The Word Processor: Open multiple documents simultaneously; search & replace; cut, copy, paste; check your spelling with a 110000+ dictionary; import your favourite IFF/HAM graphics or clip art files in various sizes & colours; auto flow text around graphics (even as you type); view a full page then position, edit & create graphic objects; use the forms designer; ALL THIS and much more! From the documents on this page you can see this is no ordinary program!
The Database: With 32 fields per record, 32000 records per database & FAST sort of 1000 records in less than 5 seconds, this is a REAL database. Mail merge information into the word processor simply and create templates for letters, reports etc. into which data can be merged too!

Remember that just like other SoftWood Products, Pen Pal comes with free telephone support!

Pen Pal is compatible with any Amiga - from the A500 to the latest A1200/4000 ranges with a minimum of 1Mb available free RAM. Available from all good Amiga software dealers or SoftWood. Please phone for a list of nationwide stockists.

SoftWood

New Street Alfreton Derbyshire DE55 7BP
Telephone: 0773 521606 Facsimile: 0773 831040

NEXT ISSUE ON SALE 19th OCTOBER

EDITORIAL

EDITOR: Alan 'Lear Jet' Dykes
DEPUTY EDITOR: Lisa 'Vespa Scooter' Collins
GAMES EDITOR: Tony 'MR2 T-Bar' Dillon
TECHNICAL EDITOR: Andy 'Volvo' Leaning
ASSISTANT TECH EDITOR: Tony 'XR3i' Horgan
ART EDITOR: Costas 'GT Xzinag by Magic Bike Co.' Michalia
DESIGNER: Helen 'Aston Martin DB7' Danby
TECHNICAL CONSULTANT: John 'Harley' Kennedy
CONTRIBUTORS: Peter Lee, Andy Mitchell, Vampyra, André Digard, Nik Lines

ADS 'N' OTHERS

Ad MANAGER: Maria Clarke
SENIOR SALES EXECs: Chris Perera & Kiera Roche
Ad PRODUCTION: Tina Gynn & Big Phil
ADVERTISING PUBLISHER: Melanie Roberts
MARKETING: Karen Williams & Fiona Malloch
PROMOTIONS PUBLISHER: Nigel Taylor
EDITORIAL DIRECTOR: David Kelly
MANAGING DIRECTOR: Terry Pratt

CONTACTS

When contacting CU AMIGA there are two golden rules.
1: Send your letters etc to the right department and please do not send a stamped self-addressed envelope.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.

READERS LETTERS & TECHNICAL PROBLEMS

For general, non-technical, enquiries send your letters to Backchat, for technical problems send them to Q&A. Both are at CU AMIGA, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

PD SUBMISSIONS

We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU

COMPETITIONS

CU AMIGA runs massive competitions almost every issue. To enter one of these simply scribble your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Other rules may be printed from time to time.

SUBSCRIPTIONS

If you're fed up with hunting around for CU AMIGA every month there's an easier way of getting your favourite monthly - subscribe! UK subscription is just £39.99 for 12 issues and you'll get a free book. The subscription hotline is 0858 468888.

ADVERTISING AND ADVERTISING PROBLEMS

If you wish to advertise, or have a problem with a company advertising, in CU AMIGA our advertising team can help. Contact them on 071-713 5289, or write to them at CU AMIGA Advertising, Durrant House, 9 Herbal Hill, London EC1R 5EJ.

COVERDISK PROBLEMS

If you have a faulty cover disk then write or return your disk to our 3.5 inch people: CU AMIGA COVER DISK RETURNS, DISKXPRESS, Unit 3, Old Coalyard Farm, NorthLeach, Gloucestershire GL54 3EP.

COMMS

If you want to have your BBS mentioned in the CU AMIGA Comms column either Email Andy Leaning/John Kennedy or write to COMMS, CU AMIGA, Priory Court, Farringdon Lane, London, EC1R 3AU. Andy Leaning can be reached via Email as CUAMIGA@cix.compulink.co.uk, and John Kennedy as johnk@infosys.demon.co.uk. Please note any complaints or complements should only be addressed to Andy Leaning, not John Kennedy.

© EMAP Images 1994. No part of this magazine may be reproduced in any form, either electronic or mechanical, without the express written permission of the publishing director.

PRINTED IN THE UNITED KINGDOM
ABC: 112,780 JULY-DECEMBER 1993

CU AMIGA CONTENTS

GET SERIOUS

26 EVERYTHING YOU EVER WANTED TO KNOW ABOUT STORAGE DEVICES

Your essential guide to disk drives, CD-ROM and hard drives – virtually every storage medium for your Amiga. How they work, what they do, what the future holds, and a guide to the best buys.

32 GOING PUBLIC

What is this thing called Public Domain? And how can you get a slice of it? Tony Horgan explains the whole phenomena, offers tips on releasing your own disks and how to set up your own library.

PRODUCTIVITY REVIEWS

PRODUCTIVITY REVIEWS PRODUCTIVITY REVIEWS

Lightwave 3D finally hits Europe, and we've got a full review of the official release version. We also look at possibly the cheapest 4Mb A1200 upgrade, hook up a new fax modem, and try out a heap of new textures. And there's more ...

88 IMAGE BANK TEXTURES

A new range of textures for ray tracers and multimedia types.

88 ZYDEC A1200 RAM BOARD

Possibly the cheapest A1200 32-bit RAM expansion.

89 CD REPAIR KIT

Got a dodgy CD? It's likely this can iron out the creases.

92 LIGHTWAVE 3D 3.5

We review the official UK release of this amazing ray tracer.

94 VISTA PACK

Vista Pro/Vista Lite, *Terraform* and *Makepath* in one landscape-generating bundle.

96 MATHVISION

Pulsating patterns from complex maths – calling all mad geniuses!

99 SMART STOR

A handy removable 30Mb hard drive for the A600.

101 IMAGE MIRROR

With some original effects up its sleeve, could this be the new standard in image processing?

102 ESSENCE AND FORGE

Two top texture generators join forces.

104 ACEEX FAX MODEM

Get yourself connected to that digital highway.

Left: Go number crazy and produce these fantastic swirly patterns.

Right: How realistic can you get? Create incredible images with *Lightwave 3.5*.

SCREEN SCENE

GAME REVIEWS GAME REVIEWS GAME REVIEWS GAME REVIEWS GAME REVIEWS

We reach the merry month of October, and a veritable cornucopia of top game reviews and previews. We've got the full details on the Ocean/EA tie up, Renegade's corking *Ruff 'N' Tumble*, the unbelievable *Detroit* from Impressions and, believe it or not, a review of US Gold's *World Cup 94*! Read on, weary travellers.

52 FIRST IMPRESSIONS
Once more we take you through the newest and most exciting game previews around, including *Megarace* from Mindscape and *Cybergames* - a new beat 'em up from Sweden.

54 OCEAN – ITS DEEP MAN!
The full story on the big one's Christmas titles, including *TFX* and *Mighty Max*. PLUS: the tie up of the year, Ocean's Electronic Arts licences, including *Jungle Strike* and *Shaq FU*.

58 BUBBLEGUN
Another cute platform game? Sadly, this one isn't as good as some other efforts, as Tony Dillon soon finds.

62 DETROIT
A game where you run a factory might not sound too exciting, but Tony Dillon discovers the joys of marketing.

Jungle Strike: " Hey there Joe! Y'all readin' us in that thar cop car? Seen any Colombian drug barons 'round here?"

64 REUNION
Grandslam have been plotting this one for a while, and Matt Broughton is the man who gets to play it.

67 TOP GEAR 2
It's a little odd that Gremlin should want to release another racing game, particularly one that isn't all that hot. Tony Dillon digs the dirt.

70 RUFF 'N' TUMBLE
Cute platform games are becoming commonplace, but Tony Dillon is blown away by Renegade's excellent new offering.

73 GRAHAM GOOCH
Audiogenic continue their never-ending quest for the perfect sports licence, and Andy Nuttall isn't complaining.

74 WORLD CUP USA 94
A month after the game itself ended, US Gold have released the official license, and it's a little duff.

74 GULP!
What do you get if you drown *Lemmings*? ICE's new title, that's what!

77 ARMOUR GEDDON 2
3D combat extravaganza this month, with the sequel to one of last year's best strategy titles.

78 VFM
A Psygnosis spectacular this issue, as we look at five of the six rereleases in the Summer Madness range.

82 VALHALLA SOLUTION
Level two of this enormous adventure is yours for the asking this month, as Lisa Tunnah takes you through her top selling game.

85 VAMPYRA
More smut and sorcery this month, as readers get all het up over their tricky bits. It's lucky Vampyra is around to heal their wounds.

86 HELPLINE
The world's greatest interactive tips service returns for another month, with more aid than the Salvation Army, so start writing now.

REGULARS

8 COVERDISKS
See panel opposite

16 NEWS
A new company rising from the ashes of Commodore UK? No AAA chip planned? *Typesmith*, *Lemmings* and *Fantasy Football*. It's News, brought to you by the bionic pens of messrs Dykes, Dillon and Leaning .

36 CD32 ZONE
'Shiny Disk' Dillon takes us through another fun packed Diary Of A Game, studies *Cyberwar* and *Litil Divil*, and gives us some disconcerting news about *Novastorm*.

108 PD SCENE
Jump straight to page 108 for an eye-full of this year's best demo, plus everything else that's hot on the PD Scene.

115 PD UTILITIES
A brand new set of top quality samples, extra modules for *Final Writer*, and a player for PC animations are just a few of the bargains on offer this month.

120 ART GALLERY
More superb readers' artwork is showcased by resident art critic Combat Collins.

162 POINTS OF VIEW
Andy Leaning gets in a state about packaging. Plain brown wrapper, or glossy box of delights – you decide.

COVERDISKS

DISK 92 PAGE 8

AMIGA
92
DPAINT 5
AND CHOON OF THE MONTH!

Our *Deluxe Paint 5* exclusive usable demo tops the bill. Then there's *The Realtime Effects Generator*, a *Random Dot Stereogram* maker and our first Choon of the Month. Beat that!

DISK 93 PAGE 13

AMIGA
93
Dragonstone

Core Design may have just created the adventure that everyone has been waiting for, and we're giving you a massive taste of it. Feast your eyes on this *Zelda* meets *The Chaos Engine* style and try out the complete first level of *Dragonstone* and see for yourself how good it really is.

AD INDEX

1st COMPUTER CENTRE 0532-319444	24,25
17 BIT SOFTWARE 0924-366982	122,123
5 STAR PD 0827-68496	117
ANALOGIC 081-546 9575	84
AMIVISION SOFTWARE	149
BAK COMPUTERS	50
BUS STOP PD 0455-554982	148
BRIAN FOWLER COMPUTERS	59
CASIO	21
CARE ELECTRONICS	90
CHOICE SOFTWARE	50
CORE DESIGN 0332-297797	31,OBC
CU AMIGA CLASSIFIEDS 071-713 5289	146,147,148,149
DART COMPUTER SUPPLIES 0533-470059	84
DELTRAX PD 0492-515981	126,127
DIRECT SOFTWARE 0908-379550	72,84
EASY PD 0928-732550	98
EMERALD CREATIVE 081-715 8866	105
ENTERTAINMENT INTERNATIONAL.	IBC
EPIC MARKETING 0793-432176	106,107,119
ESP SOFTWARE	19
EXCLUSIVE PD 0705-642409	147
EXPRESS PD	148
EVESHAM MICROS 0386-765500	132
FAST COMPUTER SERVICES 071-252 3553	148
FUTURESOFT	149
GASTEINER TECHNOLOGY	66
GREYTRONICS 081-686 9973	41
HARWOODS	4,5
INDI 0543-419999	44,45,46
KOMPART UK LTD 0438-840004	53
KTS PD 0702-842536	149
LOGIC SHOP 0992-625323	68
MICROPROSE	37,75
NJH PD 0585-348786	147
N.A.U.G 0325-363334	114
OCEAN SOFTWARE 061-832 6633	23
ORION PD	118
OWL ASSOCIATES 0543-250337	103
PD DROME 091-584 4899	110
PC REVIEW	157
PD SOFT 0702-466933	71,81
PREMIER MAIL ORDER 0268-271172	160
PREMIER VISION	100
SILICA SYSTEMS 081-309 1111	69,87,91,153
SELECTAFONT	97
SNAP COMPUTERS	118
SOFTWARE EXPRESS	65
SOFTWOOD PRODUCTS	60,61
SPECIAL RESERVE 0279-600204	IFC
SRT PD	110
STAR MICRONICS	49
TRC MEDIA	89,103
TRILOGIC 0274-691115	76
UNITED PD	112,113
VIRUS PD 0793-4900988	130
WALKABOUT MUSIC 0726-813807	89
WEIRD SCIENCE	14
WHAT HOME ENTERTAINMENT 071-713 5289	56
WIZZARD GAMES	90

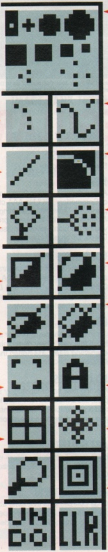
CU AMIGA DPAINT 5 AND MORE 92
THIS DEMO REQUIRES WORKBENCH 2.01 OR HIGHER
DPAINT 5
ON THIS DISK
PLUS:
REALTIME EFFECTS GENERATOR
REQUIRES A SAMPLER CARTRIDGE - NOT INCLUDED
STEREOGRAM 3D PICTURE MAKER
AND! CHOON OF THE MONTH!

COVERDISK 92 DELUXE PAINT 5

Is Deluxe Paint still the Amiga's top graphics and animation system? Find out for yourself with our exclusive Deluxe Paint Version 5 demo!

THE ICON STRIP

For those unfamiliar with *Deluxe Paint*, here's a quick run-down of the functions available from the icon strip. All functions are selected with a single click of the left mouse button, unless otherwise stated.



DOTTED DRAW

Suitable for drawing with larger brushes, otherwise lines appear to be broken.

LINE DRAW

This draws straight lines. Holding the left button sets the start point, releasing it sets the end point.

FILL

Fills the selected area with the current colour, or the pattern defined in the Fill Type box.

RECTANGLE

Draws filled and outlined rectangles. Click the top left corner for outline, bottom right for filled.

ELLIPSE

Click once on the page to set the centre, then pull out to the desired size and shape. Click again to draw, or hold the left button and drag the mouse to rotate the ellipse.

CUT OUT BRUSH

Cut out sections of the screen with this tool. Click once, and you can drag out a rectangular area, which will become the active brush. Click twice, and you can mark out an irregular shape using the connected line technique.

GRID MODE

Locks the pointer movement to a grid. Right mouse button brings up the grid options.

BRUSHES

Choose your 'pen tip' from this small selection. For a bigger brush, click one of them with the right mouse button, and drag it out to the required size by holding down the left mouse button.

CONNECTED DRAW

Suitable for smaller brushes. Can be too slow for use with larger brushes.

CURVE

Works like the line functions, but draws curves. A second mouse click sets the apex of the curve.

AIRBRUSH

Draws with an airbrush effect. See the section on Airbrush for details on the new airbrush options.

CIRCLE

Works the same as the rectangle tool.

CONNECTED LINE

Works like the line function, but the end point of the line becomes the start point for the next. Click the top left corner for unfilled lines, bottom right for filled. Spacebar finishes the current line sequence.

TEXT

Allows you to type text directly onto the screen. Drag the cursor with the mouse. Right mouse button brings up the font selector.

SYMMETRY

Duplicates pen movements around a central point. Right mouse button brings up the options.

ZOOM

Alters the zoom factor of the magnify window. Left button zooms in, right button zooms out.

NEW FEATURES

Here's a list of the main new features in *Deluxe Paint 5* ...

- ARexx Macros
- 24-bit true colour
- Multiple palette animations
- Variable frame rate animations
- Textures for realistic drawing
- Scrolling and zooming backgrounds
- Gradient translucency
- Soft edge air brush
- Larger than screen animations
- Move requestor enhancements

GENERAL USE

Deluxe Paint 5 is a paint and animation program – you can use it to create static pictures and moving animations. To draw on the screen, hold down the left mouse button and move the mouse. To select a different drawing mode, use the icon strip on the right of the screen. To change the pen colour, click a new one from the palette below the icon strip. Areas of the page can be erased by holding the right mouse button whilst drawing. All menu functions are selected in the normal way with the right mouse button. What follows is a guide to some of the key new features.

TEXTURES

To simulate real world drawing materials more realistically, *DPaint 5* allows the use of different 'textures'. These give the impression of drawing onto surfaces such as canvass, stone, marble etc.

To use a texture, select Texture - > Load from the Eff menu. A file requester will appear with four available textures. Double click on any one of them. Now when you draw on the page, instead of laying down solid colour, you get a subtle shaded pattern showing through.

TAKE NOTE

This demo version of *DPaint 5* has a few limitations, as follows: low-resolution screen modes only, a maximum of 64 colours, a maximum 25 frames per animation, and no saving of images, animations or settings. All of the other features are in full working order.

Select a larger brush to see the effect more clearly.

To switch back to normal drawing mode, select Texture -> On/Off from the Eff menu. Try another texture by selecting Texture -> Load from the Eff menu once again. These texture files are actually IFF brushes. This makes it very easy for you to create your own textures. Any part of a page can be cut out as a brush, and saved into the Textures directory on the *DPaint 5* disk, and then loaded back in and used as a texture. If you have any other IFF brush files, try loading those in for some interesting effects.

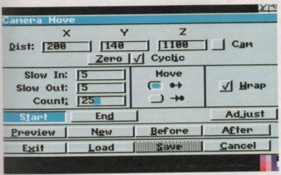
MOUSE TRACK

When using large brushes, a lot of colours or high resolution screens, most paint programs find it hard to match the on-screen pen movements to the mouse movements, where curves are often reduced to straight lines.

DPaint 5 has a neat option to avoid this. It's called Mouse Track. When this is turned on, it makes reading the mouse position a priority, and puts the actual drawing on a back-burner. This results in a slightly delayed screen update, but a more accurate representation of the mouse movements. You can turn Mouse Tracking on and off by selecting Mouse Track from the Prefs menu.

CAMERA MOVE

The Move requester has long been one of *DPaint*'s most powerful animation facilities, but it can only deal with brushes. The addition of the new Camera Move requester allows you to perform similar functions on the background, such as horizontal and vertical scrolling, and you can also zoom in and out.



Dist: 200 140 1100 ☐ Cam

Zero ☑ Cyclic

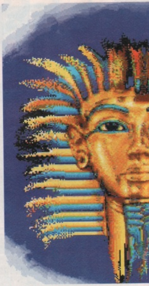
Slow In: 5

Slow Out: 5

Count: 25

☑ Wrap

One of *Deluxe Paint 5*'s most powerful new fetures for animators is the Camera Move requester, which allows for scrolling backdrops and camera pan effects.

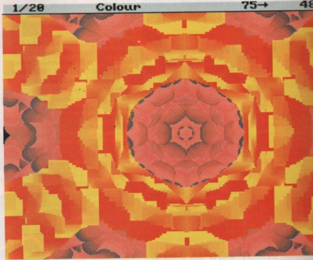


'Just look at the fantastic blaze of colour that can be achieved with *DPaint 5*.

The Camera Move function uses the screen from the spare page. Draw a background on your main page, and then select Spare -> Copy to Spare from the Pic menu (or press CRTL-J). This copies the screen over to the spare page. Now you need to set up some animation frames. Select Frames -> Set # from the Anim menu. Enter 25 in the box, or a smaller number if you're low on memory.

Select Camera Move from the Anim menu (or press Shift N). The three boxes at the top are the main controls. These set the amount of movement in the X, Y and Z axes.

For example, if you wanted the background to move 100 pixels to the left, you would enter 100 in the X box. If you wanted it to move right, you would enter -100. Simultaneous X, Y and Z moves are possible. If you want the animation to get up to speed over the first few frames, enter the number of frames you want to use as the "ease in" period into the Slow in box. Likewise, if you want it to slow down towards the end, enter a few frames in the Slow Out box. Try entering five in both of these boxes. If you want the background to wrap around, make sure the Wrap button is ticked.



You need to be a convential artist to get excellent results from *Deluxe Paint 5*. Set up a few colour graduations, add some symmetry, and images like these are no sweat to knock up.

Instead of moving the background from its original position, to the new position indicated by the X, Y and Z values, you can have the background move in from the X, Y and Z values, into its original position. To do this, click the ->0 button on the Camera Move requester. Before you commit yourself to rendering the animation, you can try and get an idea of what it will look like with the Preview button. When you're happy with it, click on New. You can then use the animation controls to play back the results (see the flap on the cover of this magazine for animation and other hotkeys).

NEW AIRBRUSH

You now get a new type of airbrush to play with. Click the airbrush icon with the right mouse button to bring up the options. Click the Standard button to select the new airbrush mode. You can alter the size of the spray, and the rate of the paint flow with the sliders. Click OK to get back to the page. You'll find that you need to move the mouse a lot slower when using this airbrush, as a lot of antialiasing needs to be calculated, which takes time.

TRANSLUCENCY

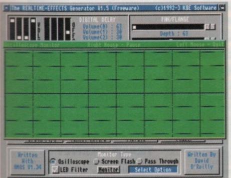
This lets you paint with a translucent brush. The colour, or colours of your brush, are mixed with those of the level image beneath. You can set the level of translucency by selecting Translucency -> Settings from the Eff menu (or by pressing CTRL t).

THAT'S ALL FOLKS!

Unfortunately that's all we have room for here. *Deluxe Paint* is such a friendly program that you should be able to figure out the rest for yourself. For a guide to some of the main keyboard shortcuts, see the flap on the cover of this incredible issue of CU AMIGA.

»

THE REALTIME EFFECTS GENERATOR 1.5


The REALTIME-EFFECTS Generator V1.5 (Freeware) (c)1992-3 KBE Software
DIGITAL DELAY
Volume(0) : 63
Volume(1) : 30
Volume(2) : 30
PAN/FLANGE
Depth : 63
Oscilloscope Monitor
Right Mouse - Pause
Left Mouse - Quit
Written With AMOS V1.34
Monitor Type
Osilloscope
Screen Flash
Pass Through
LED Filter
Monitor
Select Option
Written By David O'Reilly

You won't find a more comprehensive real-time sound processor than *TREG*. Whether you want serious, quality effects for making music, or you just want to mess around with the robot noises, you can't go wrong with its idiot-proof interface.

The Realtime Effects Generator (TREG) is not only very useful, but stacks of fun too. It turns your Amiga into a versatile effects box, capable of processing any sound via a sampler cartridge. For example, you could plug a microphone into your sampler, turn on the echo effect, and be instantly transformed into a booming ragga MC. Then again, you could put a drum beat through the sampler, and select the phaser option, adding a kind of up-and-down-wooshy effect to the snares and high hats. If that doesn't tickle your fancy, how about picking out one of the voice changing effects, like dalek or exterminator? There are 19 effects to choose from, many of which can be adjusted to suit your requirements.

WHAT YOU'LL NEED

1. Virtually any 8-bit sound sampler cartridge, such as Megalosound, Mastersound, Technosound Turbo, or Audio Master.
2. A sound source, such as a CD player, tape deck, record player or musical instrument.
3. A connecting lead from the output of your sound source to the input of your sampler. If you're using your voice as a sound source, you'll need a microphone.

HOW IT WORKS

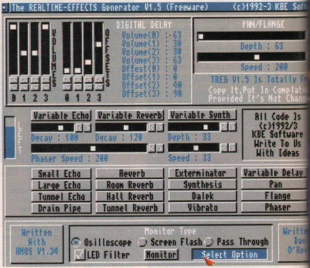
It couldn't be much simpler. Once you've connected up your sampler and sound source, you should check that the sound is coming through loud and clear. Click the monitor button from the bottom panel. Make some noise from your sound source, and adjust the volume so that the wave just touches the top and bottom of the oscilloscope. If you get no sound coming through, and there's no wave in the oscilloscope, check your connections.

Press the left mouse button to get back to the main screen. Now select any of the effects from the main panel, and play your sound source. You should hear the source sound coming through, processed by the effect you chose. Click the left button to exit the effect, and try another. Some effects are better suited to certain sounds than others. Effects such as flange and phaser are most noticeable on the high frequencies of sounds, so it's best to turn the internal filter off when using these (click the LED Filter button). The echoes can generate a bit of hiss, so it's best to keep the filter on for these.

The variable effects give the program even more flexibility. Use the sliders to alter the parameters. echoes often make drum beats sound jumbled and out of time, but with the variable echo, you should be able to get it repeating in time with the tempo of your song.

TREG uses all four of the Amiga's sound channels, so you can't run it simultaneously with *OctaMED* or *Protracker* on the same computer. However, if you can get hold of a second Amiga, you play your modules on one, and pass one or both of the sound channels through TREG running on the second Amiga. CU

full, 40K free, 796K in use
TREG_V1.5
Choon_Of_The_Month!
RDS_Stereogram_Maker


The REALTIME-EFFECTS Generator V1.5 (Freeware) (c)1992-3 KBE Soft
DIGITAL DELAY
Volume(0) : 63
Volume(1) : 30
Volume(2) : 30
Volume(3) : 63
Offest(0) : 0
Offset(1) : 0
Offset(2) : 40
Offset(3) : 90
VOLUMES
OFFSETS
0 1 2 3
0 1 2 3
PAN/FLANGE
Depth : 63
Speed : 200
TREG V1.5 Is Totally Fr
Copy It,Put In Compilat
Provided It's Not Chang
Variable Echo
Decay : 100
Variable Reverb
Decay : 120
Variable Synth
Depth : 33
Speed : 33
Phaser Speed : 200
All Code Is (c)1992/3 KBE Software Write To Us With Ideas
Small Echo
Large Echo
Tunnel Echo
Drain Pipe
Reverb
Room Reverb
Hall Reverb
Tunnel Reverb
Exterminator
Synthesis
Dalek
Vibrato
Variable Delay
Pan
Flange
Phaser
Written With AMOS V1.34
Monitor Type
Osilloscope
Screen Flash
Pass Through
LED Filter
Monitor
Select Option
Writte Dav O'Rei

Look at all those lovely effects! You could spend hours just trying them all out!

RANDOM DOT STEREOGRAM MAKER

RDS creates 3D pictures from 2D IFF files. It does this by 'randomising' the pixels in a picture, and reassembling them so that certain parts of the picture appear in front of others. In order to see the effect, you need to stare 'through' the randomised picture, focusing your eyes on a point behind the actual image. One way to do this is to set your gaze on a reflection in the screen. We were told it would work , however, we've all strained our eyes trying to spot anything. So if anyone out there sees something please write in and tell us.

USING RDS

RDS 1.1 can only be used from CLI or SHELL. Refer to the instructions on page 15 to install it on your hard drive or Workbench disk. It works best with non-AGA low resolution pictures. Save such a picture to your copy of Workbench, or somewhere on your hard drive, then follow these steps.

1. Boot from your copy of Workbench or your hard drive.
2. Open a SHELL window.
3. Type: `RDS pathandfilename`
4. The pathandfilename above should be replaced by the path and filename of your image. So if you saved a picture file called pic into the main directory on a copy of Workbench, you'd replace it with df0:pic.
5. A 3D version of the image will be saved into the same directory as the source image, with the same filename apart from a .RDS extension. Use any picture viewer or paint program (such as DPaint 5) to view the picture.
6. To convert a stereo picture back to normal, use the UNRDS command.

CHOON OF THE MONTH

Thanks to all who have sent in entries for Choon of the Month. This month's choon is from Jose FCO Armas Jorge of Tenerife, Spain. The track Amigas Power was chosen for its energy and ideas (and because it was small enough to fit on the disk with the rest of the programs). A mystery prize is on its way.

Songs that use original samples and techniques are preferred, and they don't have to be dance-orientated. Smaller choons have a better chance of making it to the coverdisk (certainly no larger than 200K, preferably much smaller). Send your noises to: Tony Horgan, Coverdisk Choons, CU AMIGA, 30-32 Farringdon Lane, London EC1R 3AU, England, UK.

"Brilliant ... the apex of platform pleasure."
The One 91%
Ruff 'n' Tumble
Renegade

© Copyright Wunderkind 1994. Published by Renegade

Weird Science

CD ROMS

AVAILABLE FROM ALL GOOD CD STOCKISTS

Multimedia Toolkit CD

AN AMIGA CD, CD1200, CDTV & CD32 APPLICATION

CONTENTS

OVER 10,000 FILES
500 24 BIT IMAGES
ALSO IN HAM8 & HAM
1308 COLOUR CLIP ART
2139 MONO CLIP ART
93 SCALEABLE CLIPS
750 MUSIC MODULES
2300 SAMPLES

195 BITMAP FONTS
120 COLOURED FONTS
107 ADOBE FONTS
80 POSTSCRIPT FONTS
79 CG FONTS
214 ICONS

& MUCH MORE

ONLY £ 19.95

PC COMPATIBLE IN ISO9660 FORMAT

Amos CD

THE OFFICIAL AMOS PD LIBRARY ON COMPACT DISC

The Official Amos PD Library is the largest source of Amos related source code and programs in the world today. The library is run by Len & Anne Tucker and is endorsed by Europress Software, the publishers of Amos and Amos Pro. This compact disc contains the entire library from disk 1 to 620, each one arranged in it's own directory and catalogued. The disc contains in excess of 33,000 files with over 1600 Amos source code files, 100 sprite banks, 260 Ctext banks, 800 samples, numerous music banks and several extensions to Amos & Amos Pro. Workbench is also included as are Parnet and Sernet to allow transfer of the contents across a network from both the CDTV and the CD^{32}. This CD is truly a testament to the immense following that Amos and Amos Pro has achieved in the past few years and represents thousands of man hours of writing Amos code which will prove to be an invaluable source of help and tuition to the Amos user. Weird Science is proud to bring you this remarkable resource for only **£19.95**

Compatible with all Amigas

Network CD

SIMPLE NETWORKING TOOLS FOR AMIGA CD

The Network CD sets up a link between a CDTV or CD32 and any other Amiga. The CD32 or CDTV acts as a remote drive for your Amiga, allowing access to the vast pool of data available on CD Rom. The CD32 cable also available uses the AUX socket of the CD32 and comes complete with a keyboard pass through, thus still maintaining the ability to connect FMV or SXI addons. Network CD sets up a Workbench environment and disables the reset function, allowing the CD to be changed and access to any other ISO9660

CONTENTS

Parnet & Sernet
NComm & Term
Twin Express
Fred Fish 800 to 975
Amos PD 478 to 603
74 Utility Disks
PhotoCD Conversion
500 Images in 256 cols.

Network CD £ 14.99
CD^{32} Cable £ 19.95
Parnet Cable £ 9.99

Network
AMIGA CD32

Weird Science. 1 Rowlandson Close, Leicester, Leicsestershire. LE4 2SE
Tel. & Fax. 0116 234 0682

New Releases

CLIP ART

Over 550megs of Clip Art for Amigas and PCs. The most comprehensive collection of Clip Art ever for the Amiga range of computers. In total over 26,000 files. The following formats are catered for, B&W Iff Bitmap, Coloured Iff Bitmap, Proclips, EPS, Pagesetter, Pagestream, IMG, Corel Draw and coloured brushes for DPaint All ready to use and easily accessible in subject directories.

FONTS

A complete CD dedicated to Fonts for the Amiga range of computers. Also PC compatible. The following formats are catered for, Adobe, CG Fonts, Coloured, Postscript, Prodraw, IFF, PCX, Pagestream, Truetype, Calamus and GDOS. Adding up to the most complete CD of Fonts for the Amiga ever. In total over 18,000 files in 900 directories. All ready to use and easily accessible in type directories.

SOUNDS TERRIFIC

A double CD pack containing over 1.2 Gigabytes of musical and sounds data for the Amiga and IBM PC computers. The contents include Modules, Sonix Scores, Midi Files, Samples in RAW, IFF, WAV & VOC formats and utilities for both the Amiga and PC. This all adds up to the most complete collection of sounds on any platform and will form a vital part of any musicians CD collection.

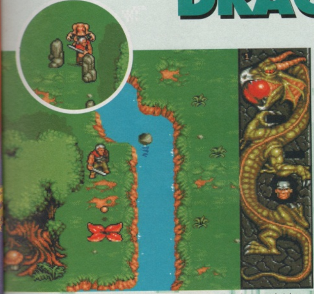
Clip Art & Fonts £ 9.99 each
Sounds Terrific £ 19.95
(DOUBLE CD)

AMIGA
93
Dragonstone

COVERDISK 93

Once again we've managed to surpass ourselves in our games coverdisks. If you loved Zelda then you'll adore our coverdisk demo of Dragonstone.

DRAGONSTONE



Enjoy yourself with this month's spectacular CU AMIGA coverdisk.

If there is one question that Amiga gamers have asked time and time again, it's 'When is *Zelda* coming to the Amiga?' This mightily popular, top-down view adventure has been regarded as a classic on its native Nintendo formats since conception, and it has always seemed strange that a similar game has never been released for the Amiga.

Well, now it has, because Core Design 's *Dragonstone* (originally titled *Dark Stone* and billed as the sequel to *Darkmere*) could be described as *Zelda* meets *The Chaos Engine*. It's the tale of a single young man, who has a mighty quest to free his homeland and destroy a dragon. Obviously this tale is padded out with stories of wise old crones and mystical visions in the middle of the night.

FLIPPIN' HUGE

Our demo is the whole of the first level of the game, and that's huge as you'll soon find out. We won't tell you what you actually have to do, as your aim changes throughout the level.

What we will do, however, is take you through the first part of the level to give you some idea of how the game plays. From where you start, stab the fire button a couple of times to swing your sword. Now hold down the fire button and watch the red bar on the right of the screen to see the sword power up. When it reaches the top of the bar and starts flashing, release the fire button to see a fire-ball fly from the end of your scimitar. Now press the space bar to enter the Control Panel (see panel on right), and then return to the main game when you've experimented enough.

Now you know all the controls for the game, you can start to solve your first puzzle. From your starting position, head right until you can go up, and then go left and up as soon as possible. In no time at all you should reach a house. Walk through the door and talk to the old woman stirring the pot. She'll tell you that she needs a herb, which can be found near water. Leave the house and head for the river to the right.

VEGETATION CHAOS

Now walk along the bank of the river killing the plants that open up and fire at you. One will drop a leaf, which is the herb you need. Walk over it to pick it up, and head back to the house. Once there, stand next to the old woman and talk to her. She'll take the herb and give you a bottle of potion and a scroll in return. Now all you need to do is work out what to do with the scroll. Hint: Examine the standing stones to the bottom left of the map.

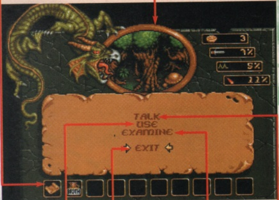
Now you're on your way! Enjoy, and watch out for a full review next issue.

THE CONTROL PANEL

Pressing the space bar brings up this menu screen, which lets control all the other things your character is capable of apart from fighting. This is where the adventure element of the game comes into play.

Your Inventory
This row of boxes shows you all the items you are carrying. Just move the highlight to select the item you want to look at or use.

Your Current Location
This window will always show you where you are standing. It can be highlighted when you are in examine mode to give a descriptive account of your surroundings, which can give a lot of clues as to what to do next.



Use Mode
Selecting this will prompt you to select an item to use. Pushing up will select the Current Location window, and pulling down will move the pointer to the inventory. Select what you want to use, and a message will come up to tell you exactly what has happened as a result of your choice.

Examine Mode
Sometimes words aren't enough, or so someone sung. In this game, it's the other way around. If you are sick of looking at a graphic of an object and would like to know more, then select this, and the item you want to look at.

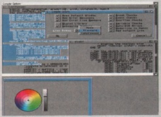
Exit
Click on this to return to the main game.

Talk Mode
Click on this when you are standing near a person and you'll have a conversation with them.

Software that matches your Hardware

Programming

HiSoft BASIC 2 £79.95



HiSoft BASIC 2 is the new BASIC system for your Amiga, fully compatible with all Amigas from a Workbench 1.3 A500 up to an A4000 tower system running Workbench 3.

This exciting package sets new standards for BASIC programmers on the Amiga with full AGA and Workbench 3 support through the use of extensive and complete libraries.

This is the system for those who want to program real applications and utilities on their computer - a professional BASIC interactive compiler with an easy-to-use, multi-window editor and medium level debugger, producing super-fast, compact code in memory (for testing) or direct to disk.

The HiSoft BASIC 2 package runs on all Amigas with 1Mb of memory or more and includes an extensive, 640-page user manual with tutorials, many examples and a complete reference section.

Upgrades are available from HiSoft BASIC version 1 and Power BASIC - please call for details.

Get the Amiga BASIC of the 90s today!

Utilities

Maxon Magic

Maxon MAGIC
Audio
Effect
Effects
Options
Global
Hotkey
Mode
EYES
OK
Save
Audio
Remove
Cancel

The Maxon Magic screen saver works in all modes, even with graphic cards, and offers you a choice of 20 different amusing and entertaining modules such as Aquarium, Flying Breakfast, Fireworks, Crazy Worms, Messages, Clock etc.

This is the utility that you simply must own! Maxon Magic is a funtastic combination of 20 different animated screen savers, a system event sound manager and many amusing sampled sounds that will not only be incredibly useful but will give you and your friends endless enjoyment as well.

As if that isn't enough value for money, Maxon Magic also lets you assign sounds to most system events including Window/Screen open & close events, Alerts, Keys, Mouse clicks, Requesters and more. Choose from the many sounds provided or simply use your own sampled IFFs, created with a sound sampler such as Megalosound!

Only £29.95

With Maxon Magic your Amiga will never look or sound the same again!

Video/Music

VIDEOMASTER

Video
Edit
Aud
Seq
Sys
Start1
End24
Cut block
Cut rest
Reverse
Insert
Delete
Extend
Load pic
Grab
Toggle
Rec. film
Play film
Audio
Frame:20
Play
Loop
Exit

The best-value real-time video digitiser you can buy; VideoMaster gives you the ability to record real-time monochrome video with sound at 25 frames per second as well as quality full-screen stills from your camcorder or video recorder. VideoMaster RGB includes our new colour splitter, ColourMaster, and produces amazing quality colour stills.

VideoMaster AGA works on the A1200 and A600, connects via the PCMCIA slot for extra speed and freedom to use other peripherals, allows high quality stereo sound and supports HAM6 and HAM8 up to 640 x 512 resolution for stills.

ColourMaster

ColourMaster is a new electronic colour splitter which works in conjunction with VideoMaster for stunning colour stills.

clarity

Clarity16 is our premier sound sampler allowing rates up to 32KHz in 16 bit stereo and up to 48KHz in 16 bit mono on an A500; accelerated machines can handle faster sampling rates. The software provides extensive features including full edit control, a MIDI keyboard emulator, a sample sequencer, many special effects and FFT analysis. Version 1.5 has an up-to-date Workbench 3 look, in its own window and is fully compatible with faster Amigas.

MegaloSound

Megalosound is the new 8-bit, stereo, direct-to-disk sampler package; the software is packed full of easy-to-use editing features, special effects and extras such as the ability to print waveforms and sample information.

The package allows sampling up to 84KHz mono and 56KHz stereo to memory and up to 21KHz stereo to hard disk on an A1200. Supplied with a hardware volume control and an extensive 144-page manual, Megalosound is impressive value at only £34.95.

Simulation

ProFlight

The classic Tornado simulator that works on all Amiga computers and provides maximum realism while being tremendous fun to play.

ProFlight is one of the most accurate, and therefore most flyable, aircraft simulators currently available for home computers - everything is there from the correct effect of the tailerons, elevators and rudder through complete navigational aids with auto-pilot up to sophisticated weaponry such as Sidewinder missiles and fly-to-line bombs. The accuracy of flight is top-notch, try this test with your other favourite simulator - turn the aircraft on its wing tips; most will continue to fly straight and level - the ProFlight Tornado will lose altitude, just like the real thing.

ProFlight comes complete with a professional, ring-bound, 190-page flight manual detailing all aspects of flying this exciting aircraft including a full tutorial and a history of the Tornado with archive photographs.

Limited Special Offers

As a special offer to readers of this magazine we have some amazing bargains, available only until 31 July 1994 and while stocks last. Order by phone or by mail and quote AX when ordering; please add £2 P&P.

Clarity16	*£79.95*
VideoMaster A500	*£49.95*
VideoMaster AGA	*£59.95*
VideoMaster A500 RGB	*£89.95*
VideoMaster AGA RGB	*£99.95*
ColourMaster	*£49.95*
ProFlight	*£10.00*

HiSoft
High Quality Software

The Old School Greenfield
Bedford MK45 5DE UK.
Tel +44 (0) 525 718181
Fax +44 (0) 525 713716

© Copyright HiSoft 1994. E&OE.

If you have difficulty obtaining our new titles, just call, quoting your Access/Mastercard/Visa/Switch/Connect card number and expiry date and we will despatch the goods within 5 working days. For an extra £6 we will despatch the day of order by ParcelForce 24 hour service.

VISA Access

HOW TO LOAD YOUR CU AMIGA COVERDISKS

AMIGA
DPAINT 5 AND MORE
92
THIS DEMO REQUIRES WORKBENCH 2.04 OR HIGHER
DPAINT 5
ON THIS DISK
PLUS:
REALTIME EFFECTS GENERATOR
(REQUIRES A SAMPLER CARTRIDGE - NOT INCLUDED)
STEREOGRAM 3D PICTURE MAKER
AND! CHOON OF THE MONTH!

AMIGA
INCLUDED WITH THE OCTOBER '94 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE
93
Dragonstone
Zelda meets Chaos Engine in this fully playable demo of Core Design's exciting new adventure

HOW TO LOAD COVERDISK 92

EXPANDING DELUXE PAINT 5 WRITE PROTECT YOUR DISK!

You must have 2Mb of RAM and Workbench 2.04 to use this demo of *DPaint* 5. Also, it has been compressed in order to fit it onto the disk, so before you can use it, it must be expanded onto another disk. Get yourself a spare write enabled floppy, and follow these instructions.

1. Insert disk 92 and reset the Amiga.
2. Double click on the CU# 92 icon.
3. Double click on the *DPaint 5* icon.
4. Swop disk 92 for the spare floppy when prompted, and press Return.
5. Ignore bootblock comments.
6. Follow any further on-screen prompts for disk swops.
7. When all disk activity has finished, boot from your hard drive or Workbench.
8. Once Workbench has loaded, insert your newly expanded *DPaint 5* disk.
9. Double click the *DPaint* disk icon.
10. Double click the *DPaint* program icon.
11. Select your required screen mode by clicking once on either PAL: low res or NTSC Low res.
12. Set the number of colours with the slider in the bottom left corner.
13. Click the Use button to start the program.

INSTALLING RDS 1.1

The RDS and UNRDS files must be in your current C directory. To function, RDS needs the file IFF.LIBRARY to be in the system's LIBS directory. Here are two example installations, the first for systems with a hard drive, the second for floppy-only systems with no extra drives.

HARD DRIVE SYSTEMS

A. The easy way.

If you have a hard drive, it's not difficult. You need to copy three files from disk 92 over to the boot partition of your hard drive. There are two files from the C directory of disk 92 (RDS and UNRDS), and one from the LIBS directory of disk 92 (IFF.LIBRARY). Boot from your hard drive, insert disk 92 into the internal drive, open a SHELL window, and enter the following five lines (replacing HD0: with the name of your hard drive's boot partition if it is not HD0:)

```
cd df0:libs
copy iff.library hd0:libs
cd df0:c
copy rds hd0:c
copy unrds hd0:c
```

FLOPPY SYSTEMS

B. The not so easy way.

(Only do this with your copy of Workbench disk, not the original). We'll assume you have no hard drive and just one floppy drive for this case. We're going to make a copy of your Workbench disk, delete some files to make room for RDS, and install RDS onto the copy of Workbench.

1. Boot your Workbench disk.
2. Click the Workbench disk icon and select Duplicate or Copy from the menus (depending on your version of Workbench).
3. Follow the on-screen prompts, inserting a write-enabled blank disk when requested.
4. Double click the Copy of Workbench icon, then single-click the Utilities drawer.
5. Select Discard or Delete from the menus, and click OK.
6. Click the disk named 'Copy of Workbench', and select Rename from the menus. Rename the disk to Workbench.
7. Reset and boot from your copy of Workbench.
8. Open a SHELL window.
9. Enter the following:

```
resident c:copy
resident c:dir
```

10. Replace the copy of the Workbench disk with disk 92.
11. Type:

```
cd df0:c
copy rds ram:
copy unrds ram:
cd df0:libs
copy iff.library ram:
cd ram:
```

12. Replace the copy of Workbench in the drive.
13. Type:

```
copy iff.library df0:libs
copy rds df0:c
copy unrds df0:c
```

14. RDS is now installed on your copy of Workbench.

REALTIME EFFECTS GENERATOR AND CHOON OF THE MONTH

Double click the TREG V1.5 icon to run The Realtime Effects Generator. Double click the Choon of the Month icon to hear this month's head-banging, heart stopping track as chosen by our resident mix master Tony Horgan.

HOW TO LOAD COVERDISK 93

Dragonstone – the original sequel to *Darkmere* is almost ready to be released to the masses, and it's going to be absolutely huge.

We have gone out of our way to get hold of a full level of the game for you to sit down and enjoy. Yes, hours of fun are contained on this month's games coverdisk, so read on through these brief instructions to see how to get the most out of your disk.

1) Switch off your machine for at least fifteen seconds, to ensure that the memory is completely clear of any viruses that might be present.

2) Insert the disk in the drive and switch the machine on. Now just sit and wait for the title screen of the game to appear. Press fire to start the game.

3) There's now a short delay while the level data is loaded. After that, you're on your own! CU

IF YOUR DISK WON'T LOAD

If your coverdisk doesn't seem to work as it should, then follow this simple guide. Firstly, remove all unnecessary peripherals, such as printers, modems etc. Follow the instructions on these pages to the letter, and if, after that, you find that the disk still doesn't work, call the DiskXpress helpline on: 0451 810 788 between the hours of 10am and 5pm from Monday to Friday.

If they advise you that the disk is faulty, fill in your details in the form below, and send this form, along with the disk and a 28p stamped self/addressed envelope to the following address:

CU AMIGA DISK RETURNS, DISKXPRESS, UNIT 7, WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE GL54 2HQ.

NAME ....

ADDRESS ....

....

TYPE OF AMIGA OWNED...

DISK NUMBER...

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK.....................

....

....

....

DISK VIRUSES

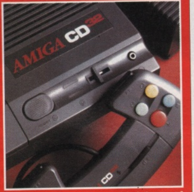
We try to ensure that all our coverdisks are completely free of viruses. We always have the most advanced virus checkers available when the disk is compiled and every program goes through rigorous testing on all relevant Amigas. However, we cannot accept any responsibility for possible damage incurred by viruses or faulty disks which have escaped our attention.

CU NEWS

AMIGA – THE NEW ERA

Commodore UK are now more confident than ever that their bid for what remains of the international divisions will be accepted by the liquidators and approved by the Bahaman courts. This will give them full rights to all existing (past and present) technology, trademarks and copyrights associated with Commodore and the Amiga plus any R&D and future development.

It would also release some of the current stock of A1200s and CD32s held worldwide for sale although, we understand, not all. However it would mean that the Amiga would go into production again, almost immediately, with the new company concentrating on A1200s and CD32s for the UK and some European markets and the A4000 internationally. Several firms have already approached Commodore UK to produce the machine for them once the go-ahead is given. ICL, who currently hold the Amiga maintenance contract, may be among those being considered for the job and it is almost certain that assembly will take place in Britain rather than the Far East.


CD32: A new version in the new year?

Although not finalised yet, it has been said that if the management buyout is successful then the name Commodore will be dropped and the new company will take its moniker directly from its core product – the Amiga. "Amiga is a very strong brand ..." said David Pleasance in a recent interview with CU Amiga, "... we are likely to drop the Commodore brand name and concentrate on it". The new company will be re-named along the lines of 'Amiga International', though full details of the name change will not be released until the management buyout has been successful.

It is unlikely, however, that the name Commodore will be completely dropped, just sidelined. David Pleasance told us: "... it [Commodore] will still remain a trademark but will be used for other purposes". A new company 'livery' (ie logo, colours, symbols and so on) is being designed and the whole look of the Amiga name will change shape accordingly.

The bad news is that because new stocks of Amiga will have to be manufactured there is likely to be a shortage in the run up to Christmas. However, anyone who wants an Amiga A1200 or A4000 or a CD32 will be able to get one if they can hold out for a few extra months. This seems reasonable as it's still the only machine capable of delivering this sort of 32-bit performance at the price. David Pleasance has also promised value packed boxed machines, with a brand new range of software and, possibly, additional RAM, speed and internal storage.

A1200: After re-organisation the A1200 will form the backbone of Amiga's UK sales.

If you are looking for an Amiga this Christmas then place an order with your local specialist computer store. If the management buyout succeeds then stocks will hit smaller retailers before the major chains. "Independents are champions of our cause – so they will get our support" said David Pleasance during the ECTS trade show in Islington, London.

Whatever happens, the current team in Maidenhead is fully behind the Amiga and are "not prepared to let it disappear". In fact Colin Proudfoot, current joint managing director, claimed that business projections, based on the buyout, will have Commodore back in profit during 1995. This will be achieved by concentrating on their core products and vastly reduced overheads – no Commodore International sucking the profits out of the UK this time. The official announcement of success or failure is expected no later than the 17th of September (though announcement dates have been made and broken before) so watch the national press and be sure to order your November issue of CU Amiga in advance. We will be hot on the trail.

NO AAA FOR AMIGA

It's official. If the management buyout succeeds then the AAA chipset will be dropped. Commodore UK have said that the time spent developing the new AAA would be better spent updating the processor to a RISC based chip. This could be ready in 12-18 months and is expected to be between 25 and 30 times faster than the current A4000's 68040. More news as we have it.

SHOW TIME

9-11 December 1994, Wembley Stadium. The time and the place to meet the new owners of Amiga. Hopefully. Despite continued uncertainty about the future of the Amiga plans are going ahead for a consumer show to rival the years' best, with top software houses and peripherals manufacturers, distributors and magazines all in attendance. Called The World of Amiga Show it will be a fitting celebration if the UK company does indeed get the international rights to the machine. Admittance will be by ticket, either in advance or at the door and if you're thinking about getting an Amiga or anything related to it this Christmas then put these dates in your diary. We'll be there, and hopefully so will you. For more information call Commodore on 0628 770088.

SIMPLY FANTASTIC

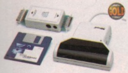
Sim City 2000 is finally about to be released. However, you will need an expanded A1200 to run the game. "We could have produced it on an unexpanded A1200, but the game wouldn't have been nearly as detailed and much slower", a Maxis representative told CU AMIGA.

For those with lower spec machines Maxis are releasing a *Sim Classics* compilation featuring *Sim Life, Sim City CLassic* and *Sim Ant* for £34.99. for more information on Sim Classics call Maxis on 071 490 2333.

POWER COMPUTING

DESIGN *and* INNOVATION

POWERSCAN 4



Produce 256 greyscale images (on a AGA machine), scan in 64 greyscales (non AGA Amiga can only display 16), add colour to greyscale images, special effects, new support for 18-bit scanner, add text to scans. A1200/600 version available.

POWERSCAN 4	£119
POWERSCAN 4 OCR	£139
SCAN INTERFACE	£50
POWERSCAN 4 S/W	£20
OCR SOFTWARE	£49

EPSON SCANNER

The GT-6500 and GT-8000 24-bit colour flatbed scanners from Epson scan up to A4 in size, with output resolutions of up to 1200DPI on the GT-6500 and 1600DPI on the GT-8000 in 16.7 million colours, greyscale or line art. The scanners include either Powerscan or Image FX scanning software.

GT-6500 POWERSCAN	£599
GT-6500 IMAGE FX	£689
GT-8000 POWERSCAN	£849
GT-8000 IMAGE FX	£929
DOCUMENT FEEDER	£399

COLOURSCAN

The new 18-bit colour handscanner produces stunning colours with clarity and verve, brightening up those presentations. With over 250,000 colours and award winning PowerScan software, anything is possible!

Colour and mono software
Full colour manipulation
Up to 400DPI
256 greyscale (AGA machine)
18-bit colour (AGA machine)
OCR optional extra

COLOUR POWERSCAN	£239

HARD DRIVES

We can supply SCSI or IDE 3.5"/2.5" hard drives in many different sizes. Including cables and installation software.

80MB IDE 2.5"	£160
130MB IDE 2.5"	£199
170MB IDE 2.5"	£249
260MB IDE 2.5"	£319
52QMB SCSI/IDE	£149
160MB SCSI/IDE	£199
200MB SCSI/IDE	£249
540MB IDE 3.5"	£349

MISCELLANEOUS

MIDI INTERFACE	£19.95

MEMORY

We manufacture a vast range of memory cards for all the Amiga range of computers. Please telephone us for prices and availability.

WORKBENCH 2.1

Release 2.1 enhancer, including 2.1 software and user guide manuals.

2.1 ENHANCER	£69
ROM SHARE INC. 2.04	£99
2.04 ROM CHIP	£29

ACEEX MODEM

NOT BT APPROVED

External Fax and Data modem
Receive and send faxes in the background
Full Haynes AT command set supported
Supports class 1, 2, and 3 fax commands
Fax send and receive
Auto dial and auto answer
Supports error correction and detection
Leased line support
All cables and manuals supplied

ACCEX MODEM v32bis	£169
ACCEX v32 TRAPFAX	£199

VIPER 68030 SERIES

Industry standard 72pin Simms
RAM upgradable to 8MB
RAM upgradable to 128MB*
Full Kickstart remapping**
Optional SCSI-II adaptor
68882 Maths Co-processor
On-board battery backed clock
Instruction & Data burst modes
Faster than an Amiga 4000/040***

*Only on Viper 40/50 **Only on Viper 28/50
***Only on Viper 40/50

VIPER 28

Full 030 with MMU at 28MHz FPU upto 50MHz

BARE BOARD	£149
4MB 28MHz FPU	£299
4MB 33MHz FPU	£359
4MB 40MHz FPU	£379
4MB 50MHz FPU	£399

VIPER 40

Full 030 with MMU at 40MHz, FPU upto 50MHz

BARE BOARD	£219
4MB 20MHz FPU	£369
4MB 33MHz FPU	£389
4MB 40MHz FPU	£429
4MB 50MHz FPU	£449

VIPER 50

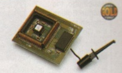
EC030 Running at 50MHz

BARE BOARD	£249
4MB 20MHz FPU	£399
4MB 33MHz FPU	£419
4MB 40MHz FPU	£459
4MB 50MHz FPU	£479

CO-PROCESSORS

20MHz FPU	£25
33MHz FPU	£60
40MHz FPU	£80
50MHz FPU	£120
SCSI II -ADAPTOR	£79
8MB SIMM ANY BOARD	£319

MEGACHIP



Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 1MB of RAM and drawing extra memory from any other RAM you have installed in your Amiga. No soldering is required.

MEGACHIP RAM	£159

POWER DRIVES

The Power Drive now includes Floppy Expander which allows you to compress files on floppy disks by up to 50%, Blitz Amiga, Anti-click, Anti-virus hardware, Upgradable to 1.76MB, Through port, Cyclone compatible chip, Built-in backup hardware and 2 year guarantee. *Only if purchased with the Power Drive.

POWER DRIVE	£60
CYCLONE COPIER*	£10
PC881 A500 INT.	£40
PC882 A2000 INT.	£40
PC883 A600/1200 INT.	£50

XL 1.76MB DRIVES

The XL drive can be used with any Amiga computer, and allows you to store a massive 1.76MB on a high density disk. The drive also acts as a standard 880K drive.

XL 1.76MB EXT.	£89.95
XL 1.76MB INT.	£79.95
XL 1.76MB INT.A4000	£89.95

VIDEO BACKUP

VIDEO BACKUP SCART	£65
VIDEO BACKUP PHONO	£60

DISK EXPANDER

DISK EXPANDER	£35
FLOPPY EXPANDER	£9.95

AWARD *winning* PRODUCTS

44a/b Stanley St. Bedford MK41 7RW

telephone **0234 273000**
facsimile **0234 352207**

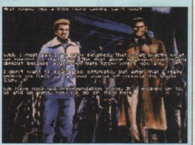
All prices include VAT. Specifications and prices are subject to change without notice, all trademarks are acknowledged. Prices are valid for month of publication only. E & OE. Delivery next day £5 2-3 days £2.50 Saturday £10. Deliveries are subject to stock availability.

Cheques payable to Power Computing Ltd

Name
Address
Postcode

Telephone
System owned
Description
Cheque/PO for £ allow upto 7 days to clear
Credit card No.
Expiry date **Sign**

A LEAGUE OF THEIR OWN



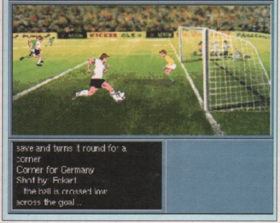
first round [illegible] a little more calming, can't you?

Well, I must say I am very satisfied. That was exactly what we needed to start with. The first game is always particularly difficult because you never quite know where you are.

I don't want to sound too optimistic, but after that I really believe we have got a good chance of winning the World Cup.

We have now laid the foundation stone. It is entirely up to us and us alone, how we go on from here.

As you read this, the final touches are being put together for *On The Ball – The League Edition*. Like the World Cup edition reviewed a couple of issues ago, the League Edition is an English translation of the German smash *Anstoss*. The reason this one has taken so long to come across is the simple fact that the German and UK soccer leagues are very different, and a lot more changes than simple language changes needed to be made. *On The Ball - The League Edition* should be in the shops by the beginning of October. For more information, call Daze Marketing on 071 372 7435.



save and turns it round for a corner
Corner for Germany
Shot by: Eckart
the ball is crossed low across the goal ..

GAMES CHART

The Amiga Top 10 Games Charts compiled by HMV.

→ 1 Kick Off 3
→ 2 Sensible Soccer International
→ 3 World Cup Year 94
→ 4 Beneath A Steel Sky
→ 5 Arcade Pool
→ 6 Skidmarks
→ 7 Man United Champions
→ 8 Elfmania
→ 9 Frontier - Elite 2
→ 10 Body Blows

NEW PRINTER

One of the potential buyers of Commodore, Samsung, have unveiled a new dot matrix printer. The Samsung P2417 is a colour dot matrix printer with a price of £165, and is compatible Epson LQ and IBM ProPrinters.

Other specifications include a reasonable 160 characters per second in draft, 53 cps in letter quality, built-in power on test, and seven fonts (draft, elite, gothic, script, courier, sans serif and roman). Samsung can be reached on 081-309 0168.

WIZARD READER OFFERS

CU AMIGA have updated their offers pages and are giving you, the readers, the chance to get your hands on some of the best Amiga products around at cut down prices.

For example, for just £49.95, if you order through CU AMIGA you can receive a floppy drive which features anti-click, anti-virus, enable and disable switch and a two-year warranty as standard.

This new look offers page features many other products as well, including disk drives and ram upgrades, all of which have been submitted to thorough examination by out technical wizards (sorry) at CU AMIGA .

For more information about these offers turn to page 136 or contact Wizard Developments on 0322 272908.

WHAT HOME ENTERTAINMENT?

NEW MAGAZINE IS LIVE!

From September 20 to the 25th the biggest electronic consumer event of the year, LIVE '94, will be taking place at Earls Court. For computers, especially the Amiga, video games, surround sound systems, synthesisers, AV amps, camcorders, TVs and more LIVE '94 is the place to be.

CU AMIGA, alongside our sister magazines *Nintendo Magazine System* and *Sega Magazine* will be there in force, ready to answer your questions and waving the flag for the Amiga.

On the subject of HiFi, EMAP Images, the company behind CU AMIGA, is launching a new consumer electronics buyers guide magazine. What Home Entertainment? will be on sale September 20th, priced at £2.25.

"Audio, video and computer technology is becoming more exciting and more integrated. What Home Entertainment? will combine all of these leisure interests into a fascinating, all-encompassing, jargon free magazine," said project founder and Publishing Director Graham Taylor.

PROFESSIONAL FOOTBALL MASTERS VERSION 4

Quite simply the best Football management game for your computer. We have served thousands of satisfied customers during our 4 years of trading. Over 10,000 man hours (during 5 years) has been dedicated to the production of this constantly improving game. It is one of the most realistic and accurate representations of a professional football managers annual challenge to tactically out wit and conquer every opponent.

Managers : 1 to 4 Human players, Ratings, Performance statistics, sack and offers. 3 Difficulty levels, Manager of the month and season awarded, Pools, Pick any team in any division to begin with.

League & Cup : Premier 22 teams, Division 1,2 & 3 have 24 teams, Play-offs, Tables. 7 Cup competitions with precise rules (2 legs, extra time, away goal rule, seeded draws, European Cup tables, 5 subs, non-domestic player restrictions etc.), Finalist route to glory.

Games : Yearly fixture/previous list, Week fixtures/results, Results from previous meeting with opponent (goes back up to 6 seasons).

Players : Real life statistics reflecting the start of 93/94 season with real positions, height, age. Live transfer market, Contract & wage negotiations, Preferred foot (left/right/both), Loans, Injuries, Training, Special talents, Trainees, Goalkeepers (separate skill categories), Defenders, Midfielders, Attackers & Utility, Retirements, Foreign transfers, Unhappy players, Top 10 Hot shots.

Team : Training, Tactics (15 different styles), Aggression, Formation allows specific player field settings (Left winger, Sweeper etc.).

Club : Sponsorship, Ground improvements, View opponent, Finances

The Match : Real time scoreboard reporting goals & injuries yellow/red cards, Sound effects, Interventions permitted at any time to change tactics, formations and make subs. Physical graphical penalty participation (optional). Over 80 different referees.

Other : Fast load/save, Printer access, 20 Options to set various game preferences, Instruction book, Easy to play, Technical support.

Plus : Over 100 other meticulous refinements impossible to list here.

Editor : Allows you to amend various items in saved games. £12 Extra

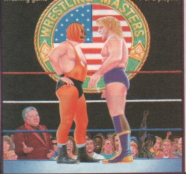
Scottish : Dedicated version details available upon request.

PLAY BY MAIL Service Now Available

ESP SOFTWARE

EASY TO PLAY Animated Wrestling game

Joystick or Mouse. 1 or 2 players



CRICKET MASTERS

This is a purely managerial cricket manager game that concentrates on strategy and includes plenty of relevant statistics. The game has been designed and developed by a true fan of the sport. It replicates everything that a real manager has to contend with and it's a totally unique production that anyone with an interest in Cricket should experience.

A summary of the main features is shown below:-

- AXA EQUITY & LAW 18 league county teams, 50 overs per game.
- 4 Cup competitions including Benson & Hedges, Nat West.
- 20 different match umpires with accurate names and strictness.
- Accurate player details Surname, height and age.
- 27 different player attributes. Most skills have a direct impact on the effectiveness of each individuals actions during a simulated match.
- Easy player selection. All game text is clearly presented.
- Batting and bowling averages. Top batting and bowling tables.
- 3 Different training intensities to boost batting, bowling or fielding.
- Weather, pitch and light often make an impact on ground condition.

ESSEX V SUSSEX
BATTING TEAM:ESSEX
FOUR

- Full match highlights let you watch the action ball by ball with full graphics and/or realistic sampled sound effects for significant events (Fours, Umpire decisions, etc.). Interventions are permitted at any time to change batting tactics or fielding placings.
- 3 Batting/Bowling classifications (Normal, Attack and Defend).
- Choice of 15 different field placings.
- Full scorecard results with best batting and bowling figures.
- Other staff (Physio, Groundkeeper, Scout) can be hired and fired .
- Annual league fixtures listing. Current week and last league results.
- View current cup competition draws and historic records.
- Real time transfer market. Player contract and wage negotiations.
- Sponsors, Printer access, Finances, Poor ground fines, Manager rating.
- 15 Options to alter game preferences, Load/Save game.
- Instruction book with plenty of examples.
- Plus many more fine details that we are unable to list here.

STABLE MASTERS V2

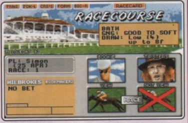
This game has been designed to be as close to real racing as possible. Five years of development by a clever racing expert has led to the second revision of this Flat Horse Racing Simulation.

Up to 4 players can participate as Owner Trainers with the primary objective of becoming the top rated trainer, in respect of prize money won, at the end of each racing season (March to November). There are up to 35 other intelligently controlled computer trainers to compete against and compare your personal performance.

To achieve this aim you must discover a potential champion and train them so that they become capable of competing well and winning any of the 47 big prize money races (Handicap and Group). eg. The Derby

To give you an idea of the tools provided in this game to assist you reaching your objective we have listed the main features below:-

- 250 horses each with over 60 independent variables.
- 26 different race courses (2 all weather), real life characteristics mirroring the diversity of racecourses in the UK (descriptions provided).



- 20 Jockeys who vary in ability and booking fees, Orders & Feedback.
- Formbook and Win Summary Cards cover the previous 200 races.
- Animated race display or just the result. View Declaration List for races.
- Very informative report by Head stable lad. Tipsters. Bookmakers.
- Racecards similar to racing press. Real life. Handicaps & Race Types.
- Viruses, Injuries & Vets. Load/Save game. Many other items included.

Version 1 is available upon request (Simple training & betting) @ £15.

ORACLE

You could have won £44,836 with this HORSE TIPSTER Utility.

Open National Tipping Competition 1991 : Organised by Racecall, regulated by the Tote, this program achieved joint second. This led to a serious approach from a well known national book maker. Rejected in favour of supporting the public.

Winnings Statistics : 104 wins out of 166, as from 2/6 to 1/9/93.

Formula : This program tells you exactly what to do. You are NOT permitted to amend our system unlike so many other similar programs. How confident can you be in something that invites amendments!

Research & Development : Three years full time race analysis and experimentation to refine and test the prediction system.

Inside Knowledge : Plenty of unique hints from contacts in the know.

User Friendly : No racing knowledge required, easy to use, tutorial book.

Restricted Sales : As soon as our programs predictions have a prolific impact on the betting odds we will stop accepting new buyers.

Monthly Updates : Highly recommended option. If any update fails to break even we'll send the next one free of charge. From £25.

Price Increase : Highly likely. Buy now before success forces increase.

World Cup Cricket Masters

A fantastic graphical and/or tactical representation of Cricket that has been completely written by a traditional fan. You can physically participate with batting and/or bowling or leave it to the computer to automatically handle. See full feature list below :-

GAME OPTIONS

- 1 Day limited overs or test.
- White or coloured clothing.
- Three Cricket grounds.
- Load/Save game. Skill levels.
- Computer/Human players.

ANIMATED ACTION

- Sound Commentary.
- Umpire signals.
- All the strokes cut, pull, drive, etc.
- Appeals, dropped catches, run outs.
- Bouncers, wides and no balls.

STATISTICS

- Scorecard & bowling analysis.
- Weather and ground reports
- Wagon Wheel
- Manhattan Chart.

PLAYER VARIETY

- Rated on 8 adjustable factors.
- Left and right handed players.
- Range of batting types.
- Editor to amend game stats.
- Bowler types include seam, swing, change and both types of spin with 8 speed levels.

FRIENDLY CONTROLS

- Icon driven with point & click.
- Large 3D scrolling screen covering the entire playing area.
- Mouse controls bowler's line, length, direction field settings.
- Joystick control of batsman's attack level, strokes and running between wickets.

VARIABLE CONDITIONS

- Surface and pace of pitch
- Rain, bad light, cloud cover, temperature and humidity.

24 HOUR CREDIT CARD HOT-LINE (0702) 600557

VISA MasterCard

48 HOUR DISPATCH

CHEQUE PAYMENTS

If you have a guarantee cheque card or credit card please write its number on the reverse of your cheque, doing so will ensure dispatch within 48 hours of receipt.

OUR ADDRESS

ESP Software DEPT. A G
32a Southchurch Road,
Southend-on-Sea,
Essex SS1 2ND. England.
TEL. (0702) 600557
FAX. (0702) 613747

MAIL ORDERS

All the programs detailed in this advert are only available by direct mail.

COMPUTER							
ST 512K S/S	ST 512K D/S	ST 1MB	AMIGA 1MB	P.C.	DESCRIPTION A G	PRICE	TOTAL
				▨	Professional Football Masters V4	24.95	
				▨	P.F.M. Editor V4	12.00	
▨	▨			▨	Stable Masters V2	24.95	
▨	▨				Oracle Horse Tipster (RRP £99.95)	75.00	
				▨	Cricket Masters	24.95	
▨	▨	▨		▨	World Cup Cricket Masters	24.95	
▨	▨	▨		▨	Wrestling Masters	19.95	
						GRAND TOTAL	

CREDIT CARD NUMBER & EXPIRY E.& O. E.

NAME ____________ TELEPHONE ____________

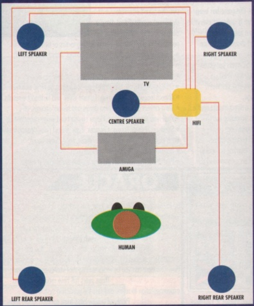
ADDRESS ____________

POSTCODE ____________

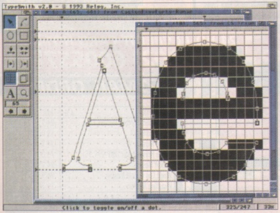
SURROUNDED!

Amiga games are so popular worldwide because they combine good graphics, involving gameplay and superb sound for very reasonable prices. So, now, just when you thought things couldn't possibly get better they have. Playing your Amiga is about to become a veritable feast for the senses as several software houses are now known to be looking at ways to include surround sound in their games. This means that if your Amiga is wired up to a stereo with surround sound speakers you'll not only get stunning sound effects from the left and right speakers, but also added sound effects from the centre and rear speakers. You will, for instance, be able to hear your enemies creeping up on you in any direction even before they appear on screen.

Surround sound audio is set to combine with stunning 3D rendered graphics to keep Amiga games at the forefront of games technology over the coming months. We will hopefully bring you a full report on just who is doing what with surround sound and 3D graphics in a coming issue.


LEFT SPEAKER
RIGHT SPEAKER
TV
CENTRE SPEAKER
HIFI
AMIGA
HUMAN
LEFT REAR SPEAKER
RIGHT REAR SPEAKER

SURROUND SOUND ACTION COMING TO THE AMIGA SOON. THE LEFT AND RIGHT FRONT SPEAKERS HANDLE MAIN SOUNDS, CENTRE SPEAKERS TIES SPEECH ETC TO THE SCREEN AND THE REAR SPEAKERS TO PRODUCE BACK GROUND EFFECTS.


TypeSmith v2.0 - © 1992 Reloq, Inc.
325/247
33x

Click to toggle on/off a dot.

GREMLIN ARE REBORN

CU AMIGA are sad to report the passing of an industry legend. Gremlin Graphics, the company that brought you everything from *Monty Mole* and *Gary Lineker* to *Lotus* and *Litil Divil* has ceased to be. It is an ex-software house. But oh no!, you cry. Whatever will we do now? Don't worry little ones, as it has merely changed its name and image to Gremlin Interactive. To reflect the company's confidence, the rainbow logo is about to be replaced. Said Gremlin's MD Ian Stewart: "Of course they'll be some sadness to see the old style go but we do need to reflect the tremendous change in the company as well as position ourselves correctly for the new interactive entertainment industry. Gremlin never was a graphics company, and there have been times when this has been rather confusing. As for the logo, we'll miss it, but it was beginning to be a bit like wearing flares and platform shoes in a room full of Doc Martens."

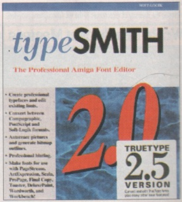
MONTY ON THE RUN
MONTY MOLE

SOFTLOGIK TYPE SMITH

SoftLogik, publishers of *PageStream*, have released version 2.5 of *TypeSmith*, their font editor. The new version has several enhancements, including the ability to load and save TrueType fonts. TrueType is the format for fonts found on Apple Mac and Windows (on PCs) so there are lots of fonts available.

The program can save the fonts out in a file format compatible with normal Amiga applications, has a comprehensive *ARexx* library – allowing it to be controlled from other programs, and a comprehensive selection of font editing tools. SoftLogik are also nearing completion of the much awaited *PageStream 3*. This follow up to the best selling Amiga DTP program, *PageStream*, is now awaiting final printing of the manual. The program complete with text editor, masses of fonts and clipart and a picture editor should be available by the time you read this.

For a sample of what's planned for the new version read our exclusive preview in the June issue of CU AMIGA. For further details contact Emerald Creative on 081-715 8866.


SOFT-LOGIK
typeSMITH™
The Professional Amiga Font Editor
• Create professional typefaces and edit existing fonts.
• Convert between Compugraphic, PostScript and Soft-Logik formats.
• Autotrace pictures and generate bitmap outlines.
• Professional hinting.
• Make fonts for use with PageStream, ArtExpression, Scala, ProPage, Final Copy, Toaster, DeluxePaint, Wordworth, and Workbench!
2.0
TRUETYPE
2.5
VERSION

ZAP YOUR MATES WITH A

BRILLIANT BATTLE GAME.

The new Casio C300 My Magic Diary has a brilliant battle game. And because it's got a magic beam, you can play it with your mates even when they're not sitting next to you. Or you can try to beat the built-in computer.

Your warrior
Opponent's warrior

Battle Screen

Battle Result Screen

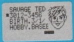
ESP Power Replenishment Screen

And it's got tons of other fun and useful features. It'll keep a record of all your mates names, addresses, birthdays and telephone numbers. Even their faces.

Fortune Telling

SMITH MARY
3123-4567
BIRTH.7/1/
280 SOUTH

Telephone Directory



Telephone Directory

Using the montage feature you can build a picture of anyone you like (no matter how ugly they are!). And you can store things secretly with the secret password function. We've also squeezed in a calculator, calendar and clock/alarm. With this many fun features you'll be beaming from ear to ear.

CASIOCLUB

MAGIC
BEAM
DIARY

CASIO
SEND
[EXE]
Electronic Diary C-300

THE CASIO CLUB RANGE COMPRISES: C-100 ELECTRONIC DIARY, PRICE GUIDE £29.99: C-200 ELECTRONIC DIARY, PRICE GUIDE £64.99: C-300 ELECTRONIC DIARY (SHOWN ABOVE), PRICE GUIDE £79.99: M-100 KEYBOARD, PRICE GUIDE £19.99: M-200 KEYBOARD, PRICE GUIDE £49.99: ML-1 FLASHING LIGHT KEYBOARD, PRICE GUIDE £39.99: ML-2 FLASHING LIGHT KEYBOARD, PRICE GUIDE £59.99, U-200 PERSONAL STEREO, PRICE GUIDE £7.99. THE CASIO CLUB RANGE IS AVAILABLE FROM: ARGOS, BOOTS, DIXONS, FREEMANS, GUS, INDEX, JOHN LEWIS PARTNERSHIP, TEMPO, TOYS 'R'US, AND ALL GOOD TOY STOCKISTS. PRICE GUIDES CORRECT AT TIME OF GOING TO PRESS. SOME MODELS MAY NOT BE STOCKED AT ALL OUTLETS. FOR MORE INFORMATION ON THE CASIO CLUB RANGE, PLEASE CALL OUR CONSUMER HELPLINE ON 081 751 0167.

CASIO®

COMMODORE WRITES

I'm sure you're all keen to know what's happening with the progress of our attempts to buy Commodore and secure an exciting future for the Amiga. I'd like to be able to tell you the deal is all signed and sealed, but unfortunately we're not quite there. It's getting tantalisingly close, and I'm pretty confident that by the time I sit down to write this column next month I'll be able to bring you the good news.

What I can tell you is how incredible the support has been for our bid. I've had letters and faxes from all over the world offering help and support - and even money in some cases! It's really heartening to be on the receiving end of such a lot of goodwill and it makes me realise once again what an amazing phenomenon the Amiga is. I can't think of many products that would generate such a level of feeling in similar circumstances. We've been in the fortunate situation of having a number of different financiers interested in supporting our bid and the partners we've chosen are exceptional. More about that in the next issue!

While we wait with baited breath, development of new product goes on. I've recently returned from a visit to the States where I visited the Amiga engineering headquarters in Norristown. I've been involved with the Amiga since the very beginning, in fact I celebrated 11 years with Commodore last week, so I'm difficult to impress. But the ideas and developments coming downstream in the next 6-12 months are something special. I guarantee you'll be impressed. Meanwhile the planning of the World of Amiga show goes on apace. The dates have been fixed for 9-11 December at Wembley, so you'll be able to eye an orgy of Amiga goodies just in time for Christmas. We think this will be the best Amiga show yet, featuring games arcades, live entertainment and exciting new products.

Although we've only just started selling stands at the show, interest is high. The exhibitors are as keen as we are to make this show a fantastic celebration of 10 years of the Amiga – as well as its rosy future. We're planning a dedicated area for all of you who belong to Amiga or Commodore user groups. After all your on-going support has been essential to the machine's continued success and we want to involve you in the show as much as possible. We'll also be running competitions both before and at the show which will give you lots of chances to win Amiga prizes. Keep reading the magazines over the next couple of months for details.

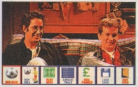
While I'm on the subject of shows, we're also going to have a major presence at Futureworld from 18-30 October at the NEC in Birmingham. Futureworld is a part of the Ideal Home Exhibition and the Motor Show which are being run jointly. It will be a showcase for the 'home of tomorrow' and we're the only company to have been asked to exhibit a computer games platform. Our stand will be positioned at the bottom of a spectacular visitor ride, making us very much the centre of attention. The organisers are expected over a million visitors over the 13 days of the show. Let's make sure lots of them are Amiga fans!

All this talk of shows makes me think of Christmas and I'd like to take this opportunity to let you know what we thing our plans will be. Obviously we can't make it all happen until we know whether our bid has been successful, but we've got all our plans just waiting to be put into action. There have been some rumours floating around that we won't have any products in the stores for Christmas. I'd like to personally reassure you that as things stand at the moment, this simply won't be true. There will be supplies of all our machines around, although not quite as many as usual. That's because we haven't been manufacturing for a while and we'll need to catch up on lost time. This will only be a temporary situation while we get production back up to full speed.

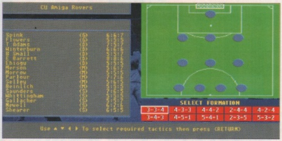
The software publishers are very enthusiastic about the Amiga's future and have been very supportive of our bid. They've reassure me that there will be plenty of exciting new software around for both the Amiga and CD32 and Amiga 1200. Watch this space!

PUBLIC FANTASIES

Playtime are gearing up to release what could be one of the most interesting football games ever. *Fantasy Football* took off in a big way last year, attracting over 3 million people, as well as producing an extremely popular TV series hosted by popular comedians Frank Skinner and David Baddiel (see pic below). As a result, Playtime have signed up both the stars of BBC TV's '*Fantasy Football League*' to endorse their own computer version of the game. The game itself lets you form leagues of individual player teams. Each player then builds their own team from existing Premier league players, and then matches are run. The game then draws up a league which is continually updated as you play the fixtures. Where *Skinner And Baddiel's Fantasy Football* beats the real thing is in actually providing you with a match result, giving you a true points system that reflects the football league.



It remains to be seen how the game will work in practice, but in theory it's certainly interesting, and quite original to boot. We'll have a full review soon, but for more information call Playtime on 071 721 7607.



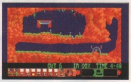
```
CU Amiga Rovers

Spink          (G)   6:6:7
Flowers        (G)   5:5:5
T Adams        (D)   7:5:7
Winterburn     (D)   6:6:6
B Small        (D)   5:5:7
E Barrett      (D)   8:8:6
Ehiogu         (D)   5:5:5
Merson         (M)   5:6:7
Morrow         (M)   5:5:5
Parlour        (M)   5:7:6
Selley         (M)   5:6:5
Beinlich       (M)   5:6:5
Saunders       (S)   7:6:5
Whittingham    (S)   5:5:5
Gallacher      (S)   5:5:7
Newell         (S)   6:7:6
Shearer        (S)   6:5:5

SELECT FORMATION
3-3-4  4-3-3  4-4-2  2-4-4  4-2-4
3-4-3  4-5-1  5-4-1  2-3-5  5-3-2

Use ▲ ▼ ◀ ▶ To select required tactics then press <RETURN>
```

EVEN MORE LEMMINGS



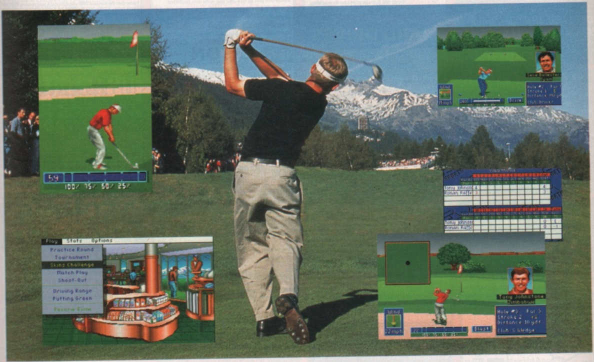
Just in case you hadn't had enough of the little blighters to last you a lifetime, Psygnosis have announced their intention to release even more games based upon those suicidal creatures the *Lemmings* – *All New World Of Lemmings - The Mini Series*. Rather than be a traditional sequel, the game will be released in four parts over the course of a year, with each episode of the mini-series featuring three tribes of *Lemmings* and working as a stand-alone game, however collect the set and you get the full story of the *Lemmings* surviving a disastrous shipwreck.

Unlike previous *Lemmings* games, in this one you will only start with a handful of the little guys; the rest of the tribe needs to be rescued from wherever they are trapped before they can be helped. The game also features far larger sprites than before, combat stages, more tools to use and over 120 levels plus hidden stages! More news as we have it, but for more information call Psygnosis on 051 709 5755.

3DCD COMES ALIVE

Not a name for a new android in the new Star Wars movies, but a collection of three dimensional objects on a CD-ROM disc for your favourite computer. The CD-ROM disc, that can be loaded on any Amiga with a CD-ROM drive, contains not just 3D objects, but also animations, rendered images and brushmaps. The 3D objects are saved in *LightWave*, *Imagine* and for PC owners *3D Studio*. The disc is produced by Phosphor Dot Productions, tel: 0843 292150.

PGA EUROPEAN TOUR


59
100% 75% 50% 25%
Play Stats Options
Practice Round
Tournament
Skins Challenge
Match Play
Shoot-Out
Driving Range
Putting Green
Tony Johnstone
Zimbabwe
Wind
Club S.Wedge

Available for your
AMIGA A500, A600, A1200.

if
it's in
the GAME,
it's in
the GAME™

EA SPORTS™

ocean

All tournament names and logos are the property of their respective owners. EA SPORTS, the EA SPORTS logo, 4 way play, the 4 way play logo and "IF IT'S IN THE IN THE GAME, IT'S IN THE GAME" are all trademarks of Electronic Arts. PGA European Tour is a trademark of PGA European Tour and PGA TOUR is a registered trademark, and are used by permission.

OCEAN SOFTWARE LTD . 2 CASTLE STREET . CASTLEFIELD . MANCHESTER . M3 4LZ . TELEPHONE: 061 832 6633 . FAX: 061 834 0650 now open late night Wednesday & Thursday till 7.30pm

OPEN SUNDAY 11AM TO 4PM

"VOTED BEST DEALER" CU AMIGA JAN 93

FIRST COMPUTER CENTRE

FIRST COMPUTER CENTRE (LEEDS) Tel:0532 319444

OPEN 7 DAYS A WEEK

OPEN MON - SAT	9.30AM-5.30PM
SUNDAY OPENING	11.00AM-3.00PM
WEDNESDAY & THURSDAY Late Night Opening	9.30AM-7.30PM

OPEN HALF DAY MOST BANK HOLIDAYS

TELEPHONE LEEDS

24 HOUR MAIL ORDER SERVICE

0532 319444 10 LINES!

FAX: 0532 319191

◆

SHOWROOM ADDRESS:
DEPT. CU, UNIT 3, ARMLEY
PARK COURT, OFF CECIL ST,
STANNINGLEY RD, LEEDS,
LS12 2AE

HOW TO ORDER

Order by telephone quoting your credit card. Please make cheques payable to the: *"FIRST COMPUTER CENTRE."* In any correspondence please quote a phone number & post code. Do not forget to include the delivery tariff & Dept. code. Allow 5 working days for cheque clearance.

- All prices include VAT @ 17.5%
- Large showroom with free parking
- Overseas orders taken subject to status
- Educational orders welcome
- Established Multi million pound company

UK MAINLAND DELIVERY TARIFFS

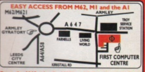
Standard Delivery	£1.95
Guaranteed 2 to 3 day (week days) Delivery	£2.95
Guaranteed Next Day (week days) Delivery	£4.95

First Comm Bulletin Board

Why not place your orders on our new bulletin board. First comm is not just a means of ordering, it also gives you access to read or download technical support files and advice.

Tel. 0532 311422

EASY ACCESS FROM M62, M1 and the A1



From the M62 take the M621 and follow the turnoff for Leeds/York, A58. This will merge with the Armley gyratory.

From the M1 follow signs for the M621 (ignore exit for town centre). Take A643 Elland Rd turnoff from M621. Follow signs for A58. This merges with Armley gyratory.

From the A1 take the turnoff for the A64. This merges with the A58 (by-passing Leeds town centre) which meets the Armley gyratory. After "Living World" at traffic lights take a right, left, left again, & 2nd left to get to FCC.

We recommend you confirm prices before placing an order. E&OE.

2% surcharge on AMEX

CD ROM Drives

A1200 OVERDRIVE CD-ROM

NEW!

Runs CD32 software, Plays Audio CD's, shows photo CD's. Plugs into PCMCIA slot

only £194.99

Internal SCSI CD-ROM drives for the A1500/2000/4000 (with suitable SCSI interface). All drives include driver software & will read both CDTV / CD32 & PC ISO 9600 standard disks. External kits for A3000 also available

NEC Multispin 2XI Internal £167.99
- 265Ms Access time
- 355KB transfer rate

TOSHIBA XM3401 Internal £286.99
- 200Ms Access time
- 330KB transfer rate

TOSHIBA XM4101
- 385Ms Access time
- 300KB transfer rate

Internal. £189.99 External. £259.99

Mitsumi FX001ID Dual Speed	£129.99
Tandon IDE CD ROM Controller for use with Mitsumi only	£64.99
GVP A4008 SCSI controller	£122.99

AMIGA 500 Plus trade in offer

If you spend £300.00 or more with us you can trade in an Amiga 500 Plus for £100.00. Your old Amiga must be in working order complete with PSU and modulator.

NEW LOW PRICES!

HARD DRIVES

2.5" Hard Drives with installation kit

inc. software, cables and instructions

60Mb	*£134.99	120Mb	*£199.99
80Mb	*£159.99	240Mb	*£259.99

3.5" Hard Drives with installation kit

inc. software, cables and instructions

250Mb	*£184.99	350Mb	*£239.99
420Mb	*£219.99	540Mb	*£279.99

3.5" H/drive upgrade kit no HD only £22.99

*Just Add £10.00 for fitting

COMPUTERS

The *AMIGA* A1200

A1200 Standard pack only £279.99

without games software

Computer Combat pack only £324.99!

with Total Carnage, Brian the Lion, Zool 2, Wordworth 2, Print Manager, Day by Day, Personal Paint 4

RACE & CHASE pack only £289.99!

with Nigel Mansell F1 and Trolls!

HARD DRIVE VERSIONS

Standard pack

64Mb	£414.99
85Mb	£439.99
127Mb	£479.99
240Mb	£539.99

Add £60.00 to the Standard pack price for the Combat Hard Drive packs

THE CHAOS PACK!

- CHAOS ENGINE
- NICK FALDO CHAMPIONSHIP GOLF
- PINBALL FANTASIES
- SYNDICATE

only £29.99 or £19.99 with any AMIGA!

THE FIRST 5 GAME PACK

- BRIAN LION
- DENNIS
- ZOOL 2
- OSCAR
- TOTAL CARNAGE

only £19.99

The *AMIGA* 4000

A4000/030, 80 Mb HD 4Mb RAM	£999.99
A4000/030, 214 Mb HD* 4 Mb RAM	£1069.99

A4000/40

A4000/040LC, 120 Mb HD*	£POA
A4000/040LC, 214 Mb HD	£POA

A4000/40 SCSI Tower systems £POA

*The hard drive only is not covered by on site warranty

◆

All Amiga's come with Workbench, mouse & 12 month warranty. The A1200 & A4000 come with 12 months on site warranty All 1200's also come with a built in integral hard disk option.

STEREO/SPEAKER SYSTEMS

Aerospace Deluxe	£47.99
ZyFi StereoSystem	£33.99
ZyFi Pro Stereo System	£57.99

PRINTERS

All our printers are UK spec, come with ribbon/toner, printer drivers (if available), paper & cables!!

Canon

Canon BJ10sx	£179.99

Laser quality output. Large buffer

Canon BJ200	£231.99

3 page a min speed, 360 dpi, small footprint & 80 page sheetfeeder

Canon BJC600 Colour	£519.99

new bubble jet from Canon

BJ10 Autosheetfeeder	£49.99

CITIZEN COMPUTER PRINTERS

FREE! watch worth £35.99 with every ABC colour printer (Limited Period)

Citizen printers have a 2 year guarantee

ABC Colour printer	£154.99

simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £34.99 only £139.99 if bought without the colour option

Swift 200 Colour	£181.99

Same out put as the 240 but with less facilities

Swift 240 Colour	£218.99

24 pin, 240cps draft, 10 fonts, quiet mode, 240cps.

Projet II	£214.99

new inkjet printer with built in auto sheet feeder

Swift Auto Sheet feeder	£79.99

NEW! EPSON

Epson LX300 Colour	£149.99

9 Pin 80 column colour

LQ150 Colour	£209.99

24 Pin Draft 216cps, LQ79cps

Stylus 800+	£249.99

48 Nozzle inkjet 360 x 360 dpi (max) 100 sheet feeder

Stylus Colour	£489.99

Colour Inkjet, 360 x 360 dpi, 720 x 720 (on special paper)

HEWLETT PACKARD

HP 310 Portable	£229.99
NEW! HP 520 mono	£249.99
HP 500 Colour	£344.99
LOW PRICE! HP 560 Colour	£479.99

even faster than the old HP550C!!

All HP printers come with a 3 year warranty

LOW STAR PRICES THE star COMPUTER PRINTERS

Star LC100 colour	£119.99

9 pin colour, 8 fonts, 180 cps draft, 45 cps NLQ

Star LC24-100	£126.99
Star LC24-30 Col.	£199.99

complete with automatic sheet feeder, 192 cps draft

Star LC24-300 Col.	£249.99

24 pin quality, 264 cps draft, 80 cps LQ, 39K buffer expandible to 48K, 16 fonts and quiet mode.

Star SJ144 Colour Thermal

Stunning affordable colour printer. 3 PPM, low running costs

only £339.99

Star SJ48 Autosheet feeder	only £49.99
Universal Printer Stand	only £4.99

PRINTER CONSUMABLES

RIBBONS

Citizen Swift mono ribbon	£4.99
Citizen Swift Colour ribbon	£13.99
Epson LX300 Colour ribbon	£12.99
Star LC10/100 mono	£3.69
Star LC200 mono	£4.99
Star LC10/100 colour	£7.99
Star LC200 colour	£12.99
Star LC24-30 mono	£8.99
Star LC24-30/200 Colour	£11.99
Re-Ink Spray for mono ribbons	£11.99

COVERS

Canon printer cover (please specify model)	£5.99
Citizen Swift/ABC	£5.99
HP 500/550/510	£5.99
Star LC100/200	£5.99
Star LC24-300/30	£5.99
Star LC10/20 cover	£4.99

PAPER

prices apply only when ordered with printer or purchased direct from the showroom

Fanfold (tractor feed)	500 sheets	£4.99
Fanfold (tractor feed)	1000 sheets	£8.99
Fanfold (tractor feed)	2000 sheets	£17.99
Single sheet	500 sheets	£4.99
Single sheet	1000 sheets	£8.99
Single sheet	2000 sheets	£17.99

Delivery for 2000 sheets £5.00 when purchased without printer

MODEMS

NEW LOW PRICES!

Think again if you are considering buying a modem from anywhere else. We are probably the largest supplier of modems for the Amiga supported by a wealth of experience. Log into our free BBS modem line for technical and sales, available 24 hours a day.

Supra

SupraFAXModem™ 288

82%

NEW Super fast! 28,800 bps + 14,400 Fax

The best modem in its class! only £243.99

SupraFAXModem™ 144LC

V.32 bis (14400 baud!)

..performed perfectly..easy to set up and never missed a connection..Computer Shopper ..April 94

Low cost version of the classic V32Bis Fax modem. Features as below but class 1 fax only and LED display.

only £141.99

93%

SupraFAXModem™ V.32bis

14400 baud. includes V.32bis, V.32, V.22bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 & 2 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax) s/w & cable

only £178.99

82% Amiga Format

◆

SupraFAX Plus £112.99

Faster than the standard 2400 with auto dial & auto receive. 9600 bps Hayes comp. V22Bis, V42 Bis, MNP 2-5 & auto adjust to maximise transmission speeds. With free comms (not Fax) s/w & cable.

◆

Supra 2400 still the best in its class £58.99

Get on line using this great value fast modem with auto dial & receive. 2400 baud Hayes comp, V22 BIS. Includes free modem comms s/w & cable!!

Supra modems have not been tested by BABT, however they perform as well & often out perform BABT approved modems.

Supra Modems come with a 5 year warranty

USRobotics®

WE ARE PREFERRED USR DEALERS

Similar in performance to Supra, these excelent USR modems offer you probably the most cost effective way of purchasing a BABT approved modem.

Sportster 2496 +Fax	£104.99
Sportster 14400 Fax (85% CU AMIGA)	£151.99
WorldPort 14400 +Fax (82% PC Format recommended)	£251.99
Courier V32 Terbo +Fax	£334.99
Courier HST/Dual 16.8 Terbo Fax	£527.99

If you thought V32bis was fast try the terbo! They come with a 5 year warranty & *are BABT Approved!*

MONITORS

All our monitors are UK spec. All monitors come complete with a free Amiga lead*

NEW! Philips 8833 MK2

This famous Stereo, colour monitor is back. Similar spec to the old Commodore 1084S.

only £229.99

Tilt and Swivell Stand only £9.99 if you purchase with monitor

Microvitec Autoscan 1438

.28 dpi, 15/38 KHz, all Amiga modes, AGA comp. no audio, tilt & swivell stand.

now only £289.99

*Free cable for A4000 only
A1200 cable £6.99 extra

PREMIER Ink Cartridge Refills

Save a fortune in running costs with your ink/bubble jet. Compatible with the HP500/550, Deskjet Plus, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others. Full range of colours available.

Single refills (22ml)	£6.99
Twin refills (44ml)	£12.99
Three colour kit (66ml)	£19.99
Full colour kit (88ml)	£27.99
Bulk refills (125ml)	£24.99

Cartridges

Canon BJ10/SJ48 cartridge	£18.99
Double life 500 cartridges	£24.99
HP550/500 Colour cartridge	£24.99
Epson Stylus Colour Cartridge	£39.99
Epson Stylus mono Cartridge	£17.99
Epson Stylus 800+ mono Cartridge	£11.99
Star SJ144 mono cartridges (3 pack)	£21.99
Star SJ144 colour cartridges (3 pack)	£21.99

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£7.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 metre printer cable	£12.99

PRIMA A500 & A600 RAM

3 YEAR WARRANTY!!

A500 512k RAM expansion (no clock).£19.99

A500 Plus 1 Mb RAM expansion..................£34.99

A600 1 Mb RAM expansion (with clock)..............£39.99

32 BIT RAM (for A4000 etc)

1 Mb SIMM..........................£39.99
2 Mb SIMM..........................£95.99
4 Mb SIMM...NEW LOW PRICE!....£139.99
8 Mb SIMM..NEW LOW PRICE!.....£269.99

RAM & CUSTOM CHIPS

SPEED	PLCC	PGA
25 Mhz	£49.99	£49.99
33 Mhz	£49.99	£89.99
40 Mhz	£106.99	£129.99
50 Mhz	N/A	£129.99

1 mb by 8/9 SIMMS (1 Mb).......£34.99
4 Mb by 9 SIMMS (4 Mb)..........£144.99
1 Mb by 4 DRAMS(1Mb).............£39.99
1 Mb by 4 ZIPS(1/2 Mb)...............£32.99
256 by 4 ZIPS...........................(each) £5.99
256 by 4 DRAM (DILs)............(each) £5.99
DKB 1202 A1200 RAM board......£84.99

takes 2 32 bit SIMMs. Has an optional FPU.
See above for prices

Kickstart 1.3...............................£23.99
Kickstart 2.04..............................£30.99
Kickstart 2.05 (for use in A600)...£30.99
Fatter Agnes 8372A......................£26.99
Super Denise...............................£18.99
6571-0326 Keyboard controller.£13.99
CIA 8520A I/O controller.............£8.99

LOW PRICES!

AMIGA 1200 RAM

PRIMA CO-PRO & RAM

Realise the full potential of your A1200 with this trapdoor expansion. inc real time clock

1 MB RAM..£91.99
2 MB RAM..£129.99
4 MB RAM..£189.99
8 MB RAM..£329.99
1 MB & 33 MHz CO PRO......................£139.99
2 MB & 33 MHz CO PRO......................£184.99
4 MB & 33 MHz CO PRO......................£239.99
8 MB & 33 MHz CO PRO......................£379.99

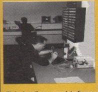
FULL 2 YEAR WARRANTY

JOYSTICKS

Competition Pro Xtra..........................£12.99
Competition Pro Super CD32 Control Pad......£15.99
Cruiser Black...£8.99
Cruiser Multicolour.................................£8.99
Cruiser Turbo...£10.99
Freewheel Analogue...............................£35.99
Gravis Game Pad....................................£18.99
Logic 3 Logipad.......................................£16.99
Sureshot Clear..£7.99
Speedking Analogue................................£11.99
Speedking Auto.......................................£10.99
Speedking Navigator................................£12.99
Topstar Auto...£19.99
Zipstick Super Pro...................................£10.99

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged for return delivery or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.



All work is carried out by our highly qualified engineers in custom built premises. We will also install any upgrade/software or accessory.

All repairs are covered by a 90 day warranty.

Tel. 0532 319444

The established name in computer repairs

SPECIAL OFFERS!

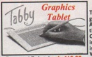
Deluxe Paint 4 AGA.......................£39.99
Distant Suns 5...............................£35.99
Personal Paint V4..........................£29.99
Technosound Turbo.........................£18.99
Technosound Turbo 2......................£25.99
Wordworth 2 AGA with Print Mgr & Day To Day Planner..........£39.99
XCopy Pro plus hardware................£25.99

Workbench 2.1 software and 2.04 ROM upgrade (complete with manuals) only £74.99

Workbench 2.04 software and 2.04 ROM upgrade (complete with manuals) only £49.99

100% RATED!

AMIGA COMPUTING AUGUST 94



The amazing new graphics tablet for the Amiga developed with the help of First Computers. 86% rated in ST Format January issue! Requires 2.04 WB or above

only £59.99

Personal Paint 4 only £19.99 when purchased with a Tabby!

SCANNERS

Alfa Data Alfa Scan

hand held scanner with 256 greyscales and up to 800 Dpi

now only £99.99 or £139.99 with OCR software

Alfa Data Alfa Colour Scan

18 bit scanner with 256K colours inc colour correction

now only £299.99

Power Scanner V4 £119.99

With the latest version 4 s/w for bright & sharp grey scale performance. Flexible scanned image display manipulation options, plus Clean up, embolden, resize & flip.

Colour version only £239.99

EPSON GT6500 Colour Flatbed

only £564.50 phone for details

Art Department Pro Scanner S/W..£109.99

compatible with Epson ES300C, ES600C, ES800C, GT6000, GT6500 & GT8000

MICE & TRACKERBALLS

Alfa Data Mega Mouse

90% rating. 400 Dpi

only £12.99

Zydec Trackball only £29.99

Alfa Data Crystal Trackbail only £34.99

DISK DRIVES

AMITEC 1 mb 3.5" drive

Features Anti Click, Anti Virus, Sony Mech, 2 year warranty

only £58.99

Cumana 3.5"...........only £56.99

1 meg external drive. The best name in disc drives

A600/1200 internal drive............£39.99
A500 internal drive......................£39.99
A4000 internal HD drive..............£99.99

GENLOCKS

VHS VHS-C S-VHS S-VHS-C Video 8 Hi8

hama ON DEMO NOW!

The Professional answer

hama 292........................£279.99

S-Video, and composite compatible

hama 290........................£685.99

S-Video, and composite mixing, plus far more

hama A-CUT Video Editor £185.99 NEW!

GVP Genlock.........only £264.99

features professional SVHS output

Rocgen Plus...........only £164.99

Includes dual control for overlay and keyhole effects, extra RGB pass thru. Check for compatibility.

Rendale 8802 FMC..only £164.99

Rocgen Rockey............only £164.99

For creating special effects in video production with genlocks.

ROMBO PRODUCTS

VIDI 12 Real Time £134.99

Real time colour digitizing from any video source. Full AGA support

VIDI 24 Real Time £204.99

24 bit quality real time colour digitizing from any video source. Full AGA support

NEW LOW PRICES

VIDI 12 AGA £59.99

Full support for AGA chipset. Colour images captured in less than a second, mono images in real time with any video source. Multitasking s/w, cut & paste.

VIDI 12 Sound & Vision AGA

with built in MegamixMaster £98.99

TAKE 2 £35.99

Features include load and save from D. Paint animations and IFF files. Supports HAM graphics.

Megamix Master.........£26.99

8 bit, high spec. sampler. Special effects include echo that can be added in real time, fully multitasking & easy to use.

ACCELERATORS

VIPER 68030 TURBO only £159.99

68030 accelerator running at 28Mhz expandible to 8 Mb 32 Bit RAM (see RAM prices) Optional SCSI adaptor.

ADDITIONAL RAM FOR VIPER BOARDS

Just add the price of the RAM to the Viper board to get your configuration price

1 Mb SIMM..........................£39.99
2 Mb SIMM..........................£95.99
4 Mb SIMM...NEW LOW PRICE!...£139.99
8 Mb SIMM..NEW LOW PRICE!.....£269.99

SUPRA 28 ACCELERATOR

for the A500/A500+& A1500/2000

28 Mhz, uses A500 side port so there is no internal fitting

only £144.99!

PRIMA ROM SHARERS

This high quality ROM sharer features a flexible ribbon connection so that it can be positioned anywhere within your A500 Plus or A600. Full 2 year replacement warranty

now only £17.99 or £24.99 for keyboard switchable version

ACCESSORIES

Real Time A1200 internal clock module...only £13.99
Mouse/joystick manual port switcher.......only £12.99
Amiga A500/600/1200 Power Supply..............£39.99
Amiga 500/500 Plus keyboard.........................£45.99
Amiga 500 Plus Motherboard..........................£29.99
Amiga 500 Plus Case.......................................£12.99
QUALITY MOUSE MATS.................................£3.99
10 CAPACITY DISK BOX...............................£0.99
20 CAPACITY DISK BOX...............................£2.99
40 CAP LOCKABLE DISK BOX.......................£3.99
100 CAP LOCKABLE DISK BOX......................£5.49
*90 CAP STACKABLE BANX BOX..................£9.99
*150 CAP STACKABLE POSSO BOX.........£17.99

*add £3.00 delivery if purchasing just one Posso or Banx box. Normal delivery when purchased with other product or when buying 2 or more.

AMIGA A500 DUST COVER..........................£3.99
AMIGA 600 COVER.......................................£2.99
14" MONITOR DUSTCOVER...........................£6.99
NEW! Keyboard Membrane Covers...............£14.95
AMIGA TO SCART CABLES...........................£9.99
STD 1.8 METRE AMIGA PRINTER LEAD....£4.99
MODEM AND NULL MODEM CABLES.......£9.99

AMIGA CONTROL STATIONS

A500 or 1200 VERSION...................................£36.99
A600 VERSION..£29.99

DISKS

All disks are 100% error free guaranteed
New High density 3.5 inch bulk and branded
Please phone for best prices!

QTY	Bulk DS/DD	Branded DS/DD
10	£4.49	£5.49
30	£12.99	£14.99
50	£20.99	£22.99
100	£37.99	£42.99
200	£69.99	£79.99
500	£168.99	£190.99
1000	£324.99	£365.99

Branded disks come complete with labels

Disk Labels....500...........................£6.99
Disk Labels..1000...........................£9.99

SOFTWARE

BUSINESS

Maxi Plan 4..............................£24.99
Mini Office...............................£38.99
Money Matters..........................£35.99

CD ROM SOFTWARE

NEW!

17 Bit Collection.........................£39.99
17 Bit Continuation.....................£19.99
Aminet.......................................£11.99
CD Exchange..............................£19.99
Euroscene..................................£14.99
Goldfish.....................................£29.99
Multimedia Toolkit (by Wierd Science)..........£22.99
Network CD................................£14.99
Sexual Fantasies..........................£34.99

MISCELLANEOUS

Distant Suns 5..............................£35.99

MUSIC/SOUND

Deluxe Music Construction Set v2...........£59.99
Pro Midi Interface by Microdeal..........£24.99

Techno Sound Turbo......................£18.99
Techno Sound Turbo 2...................£25.99

PROGRAMMING

Amos Professional.........................£47.99
Amos Professional Compiler...........£24.99
Bliz Basic 2...................................£53.99
Devpac 3.......................................£50.99

PUBLIC DOMAIN *Top 50*

from £1.50! (many more titles available)

Ami Base Pro v 1.8.......................(PDA001) 1 disk £1.50
Disk Salv V2..................................(PDA003) 1 disk £1.50
D-Copy V3......................................(PDA004) 1 disk £1.50
Edword Pro V4...............................(PDA005) 1 disk £1.50
Easy Calc Plus...............................(PDA006) 1 disk £1.50
E-Type 2..(PDA048) 1 disk £1.50
First Mods disk 2...........................(PDA056) 1 disk £1.50
Grapevine 17.................................(PDA009) 3 disk £2.75
Relokick 1.3...................................(PDA011) 1 disk £1.50
Klondyke AGA...............................(PDA013) 3 disk £2.75
First Mods disk 1...........................(PDA055) 1 disk £1.50
Mindwarp AGA Demo.....................(PDA015) 1 disk £1.50
Motorola invaders AGA..................(PDA016) 2 disk £2.25
Magic Workbench Utils...................(PDA017) 1 disk £1.50
First Mods disk 3...........................(PDA057) 1 disk £1.50
PC Task Emulator...........................(PDA019) 1 disk £1.50
Reorg V3.1.....................................(PDA023) 1 disk £1.50
Spectrum Emulator version 1.7.(PDA027) 1 disk £1.50
Spectrum Games Disk.....................(PDA028) 1 disk £1.50
Fit Chix...(PDA030) 2 disk £2.25
9 Fingers Rave Demo.....................(PDA033) 2 disk £2.25
Mean CD Machine...........................(PDA036) 3 disk £2.75
Fit Chix 2.......................................(PDA034) 2 disk £2.25
The Mini AGA.................................(PDA038) 1 disk £1.50
CD Wars..(PDA039) 1 disk £1.50
First Mods disk 4...........................(PDA058) 1 disk £1.50
Andys Workbench 3 Utils...............(PDA031) 1 disk £1.50
Desert Dreams Demo......................(PDA012) 2 disk £2.25
Origin Complex...............................(PDA040) 1 disk £1.50
Ray World AGA Demo.....................(PDA041) 1 disk £1.50
CLI/SHELL Help..............................(PDA002) 1 disk £1.50
Clipart 1 - MacArt..........................(PDAC01) 1 disk £1.50
Clipart 11 - Wildlife.......................(PDAC11) 1 disk £1.50
Clipart 3 - MacArt 2.......................(PDAC03) 1 disk £1.50
Clipart 4 - Food..............................(PDAC04) 1 disk £1.50
Clipart 5 - Food 2...........................(PDAC05) 1 disk £1.50
Perspex Hypnosis...........................(PDA037) 1 disk £1.50
Protracker 3...................................(PDA046) 1 disk £1.50
Tetrus AGA.....................................(PDA043) 1 disk £1.50
Benchmark Tests............................(PDA035) 1 disk £1.50
3 Ways to Stop Smoking.................(PDA054) 1 disk £1.50
Clipart 10 pack..............................(PDAC25) 10 disk £12.50
CD ROM drivers (Ami).....................(PDACD1) 1 disk £1.50
CD ROM Bonus Utils.........................(PDACD2) 1 disk £1.50
Megaball AGA.................................(PDA050) 1 disk £1.50
Revelations Slideshow....................(PDA020) 1 disk £1.50
Deejay Crunchers...........................(PDA049) 1 disk £1.50
Find it..(PDA052) 1 disk £1.50
First Fonts Disk 1...........................(PDAFO1) 1 disk £2.50
First Fonts Disk 2...........................(PDAFO2) 1 disk £2.50
First Fonts Disk 3...........................(PDAFO3) 1 disk £2.50

UTILITIES

Directory Opus 4...............................£51.99
GP FAX 2.3 software.........................£49.99

Latest version of this Fast & Famous HD backup utility.

Prima A600/1200 Hard Drive setup software. This is the best setup software on the market..........£5.99

Xcopy Pro inc. hardware....................£25.99

VIDEO AND GRAPHICS

Art Department Pro 2.5.......................£145.99
Art Department Scanner software........£114.99
Brilliance II paint and animation..........£59.99
Deluxe Paint 4 AGA..............................£39.99
Make Path for Vista..............................£25.99
Mekon Magic...£24.99
Real 3D Classic......................................£77.99
Scenary Animator V4 (3Mb reqired).....£49.99
Video Creator for CD32........................£31.99
Video Director......................................£115.99
Vista Pro 3 (4Mb required)...................£45.99

WORD PROCESSING/DTP

Final Copy 2 (UK) Release 2..NEW LOW PRICE!..£48.99

built in outline fonts, full graphics import (IFF and HAM), UK thesaurus, spelling checker & much more.

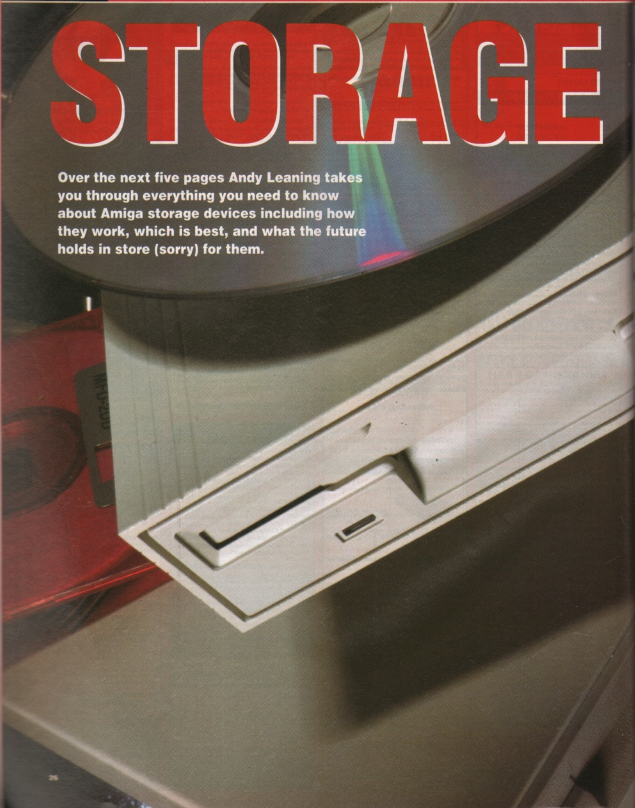
Final Writer DTP....NEW LOW PRICE!..........£72.99
Penpal 1.4..£29.99

Best selling feature packed word publisher with database

Pagestream 3 U.K. version....................£249.99
Pagesetter 3..£42.99
Protext 4.3 W/P.....................................£39.99
Wordworth 2 AGA inc Print Mgr Special low price! £29.99
Wordworth 3 NEW!.......LIMITED OFFER!.........£64.99

STORAGE

Over the next five pages Andy Leaning takes you through everything you need to know about Amiga storage devices including how they work, which is best, and what the future holds in store (sorry) for them.



The great thing about getting storage devices for the Amiga is that you're not too limited by budget considerations. There are storage products to suit everyone's wallet, OK maybe the performance increases as you spend more, but your trusty Amiga will get faster even if you spend just £49 on a floppy disk drive! And with prices dropping faster than stones and technology advancing almost daily there's never been a better time to increase your disk storage capacity.

Increasing program sizes, high resolution pictures and the use of sampled sound on Amiga software has meant that having bags of disk space is now more important than ever before. Over the next few pages we examine the numerous storage options open to you and reveal the dark secrets of Amiga storage devices.

WHAT EXACTLY ARE STORAGE DEVICES?

First of all let's look at why we need storage at all. Storage is a crucial concern for the Amiga. Why? Because your Amiga has a very powerful and complex operating system it stores large parts of it on disk and loads them only when needed. Hence the need for lots of disks and disk space.

Loading from disk takes a long time though (in computer terms at least) and the Amiga has to wait until it has finished loading before it can do anything else, also the rapidly increasing number of Amiga programs using high resolution, full colour, pictures means that unless you want to spend half your waking life waiting on your programs to load or pictures to render you had better get your hands on some storage facilities.

So what are your options? Well, each Amiga floppy disk can hold up to 880k of data, so you can store your information on disk. However, this could mean eternal disk swopping if you wanted to load up a particularly large program. So adding an extra disk drive would speed up matters considerably and because, technically, you can add up to eight disk drives this course of action would drastically reduce the amount of disk swopping required. Remember, disk drives are one of the cheapest peripherals available for the Amiga, starting from as little as £49.

The next major storage peripheral is a hard drive. These are very similar to floppy drives, but have the advantage of being very much faster, with greater storage capacity and are completely self contained – no swopping here. Typical hard drives on the Amiga can store between 80Mb and 120Mb of information (equivalent to about 100 floppy disks) without having to change disks once.

Most Amiga hard drives are fitted internally, although there are several models that are connected externally, eg, the Archos Overdrive.

Another popular storage type is the CD-ROM drive. CD-ROM drives are like a combination of floppy drives and hard drives. They have a capacity of approximately 600Mb, and they use a small 5" disc which, except for whatever is written and stored on it, is virtually indistinguishable from an audio CD. The drawbacks are that you cannot write data to them yet, ie, they are read only, and have slowish access speeds compared to hard drives.

CD-ROM drives are used where very large amounts of information need to be stored (reference programs, clip art libraries etc). Another often overlooked advantage of CD-ROM is that the Amiga can read PC and Mac CD-ROM discs, which, although they may contain Mac or PC programs, often contain vast libraries of additional clipart, fonts and images, which you and your Amiga can make use of.

SO HOW DO THEY ALL WORK THEN?

Well, let's start at the beginning: since the origins of man, back in prehistoric times, the humble floppy disk has been a reliable but slow system of storing and retrieving files. And why is it so reliable and trustworthy (*yes Andy, why? Mine never seems to work – Ed*) The reason lies in the use of a tried and tested technology; electromagnetism. Inside a floppy disk drive is a read/write head that moves over the disk surface reading data from the floppy disk, and writing it back out. Inside the drive the disk spins with the head moving across the radius of the disk and data is stored in a series of rings (otherwise known as tracks), with the drive reading each track and then moving onto the next. The actual reading and writing process works on a similar basis to normal audio tape. The binary data (if you go right down to the very deepest, darkest, core of your Amiga you'll find everything is stored as a series of zeros and ones – known as binary numbers) is converted to electromagnetic pulses.

These pulses are recorded (when saving data) on magnetic material that coats the surface of floppy disks. When the Amiga loads files and programs the disk drive head moves over the floppy disk surface sensing the magnetic pulses, which it then converts back to binary data to be saved in the

»

Not only can you set external floppy drives but also replacement internal drives.

The Archos CD-ROM drive – only one of three PCMCIA peripherals.

The acclaimed Overdrive – it's one of the fastest hard drives yet on the Amiga.

memory of the Amiga all ready for processing.

IT'S A HARD JOB

Instead of having a single, so called floppy disk (even though it's not that floppy on the outside) which you constantly insert and eject from the Amiga you could use a hard drive. This is a sealed unit, containing a number of small magnetically coated disks. By having multiple disks stacked upon one another, each with its own read/write head, hard drives can store much more data than a single floppy disk.

By spinning the disks at a very high speed a current of air is created just above each one, this lifts the hard drive read/write head allowing it to be moved around the disk, floating just above the surface, thus enabling the computer to record or read the electromagnetic signals to or from the disks.

A small motor in the unit controls the precise movement of the head over the disk, the speed this motor can move and the disk revolution speed determine how fast data can be loaded and saved from the drive.

In hard drives this floating head is unbelievably close to the disk surface, so close in fact that a grain of dust or a human hair is big enough to cause major problems, especially if they get between the head and the surface. To keep this potentially harmful problem from occurring all hard disks are completely sealed and cannot be opened.

The storage capacity of floppy disks and hard drives is also determined by the amount of data that can be crammed into a track.

The problem is that technology has got to stage where more information can be fitted onto a track than can be read in a single revolution by the drive head.

For this reason tracks are further split down into sectors, a sector being the amount of data that can be read from a track at a time, to read all the sectors on a track the disk will then have to be rotated several times.

The storage capacity of hard drives, and to an extent floppy disks, is increasing all the time, and for the immediate future there is no storage system that can rival them for being able to read and write large volumes of data at a comparable cost.

CD TECHNOLOGY

The CD-ROM drive mechanism is, unlike the hard drive and floppy drive, not based upon magnetism at all. Instead it relies on high precision optical engineering. Each CD is made up of a single track, winding its way from the inside to the outside of the disc in a spiral. Along this track are billions of tiny holes – we're talking atom size here. The presence of holes in the surface represents binary data – a hole or no whole – representing a single binary bit of one or zero.

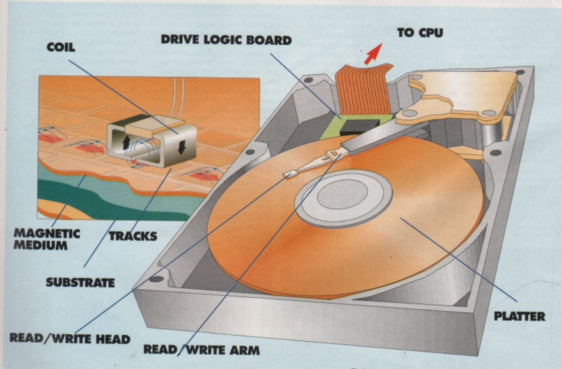
Inside the CD-ROM drive is a tiny read/write head that works its way around the spiral moving around and across the disk at the same time. As it proceeds it shines a laser at the disk which reflects off the surface. A sensor on the head picks up the reflect- ion, or not if the laser hits a pit. The sensor then passes the status of the reflected beam (reflection or no reflection) to drive electronics which convert this information into a binary one or zero.

IDE AND SCSI

Most Amiga hard drives for the A1200 and A600 are connected via an internal expansion port called IDE. This is basically a simple hard drive interface and to fit a hard drive to it you simply plug it in. The OverDrive and SmartStor, on the other hand, connect via the PCMCIA interface on the outside of the A600/A1200.

Another possibility for connecting hard drives to the A1200 is to use a SCSI interface. SCSI is a more sophisticated hard drive interface than IDE, allowing you to connect up to seven units at once (IDE only allows two), it's also a lot faster. The problem is that SCSI isn't built in to the Amiga and you'll need to buy a specific interface if you wish to connect such a hard drive to your A1200. Both the GVP A1230-II or Blizard accelerators cards for the A1200 have optional SCSI interfaces available for them.

A major advantage of SCSI is that you can connect a massive variety of other types of storage devices to the Amiga with them. Syquest drives (a cross between floppy disks and hard drives giving either 44 or 88Mb per disk), optical drives, massive hard drives (one gigabyte and more!) and high speed tape backup systems are all available through SCSI interfaces. SCSI devices are very popular on Apple Mac, and to an extent the PC, which ensures that such peripherals are also fairly cheap.



The internals of a hard drive – just look at the detail of the drive head.

Now that you've got some idea what types of storage devices are available for your machine, here is breakdown of all the options available.

CHOICES, CHOICES

SONY 3½" 1Mb
DELUXE FLOPPY DRIVE
FOR THE Commodore
AMIGA
COMPUTER RANGE
2 YEAR

The Amitek drive – lots of features at reasonable prices.

Cheap and compact – the Smart Stor at its best.

DISK DRIVES

The disk drives we have chosen as the pick of the crop are the: Power Computing Power drive £60 (tel: 0234 273 000), Amitek Deluxe £59 (tel: 081 309 1111) and Wizard Saturn £49 (tel: 0322 272908).

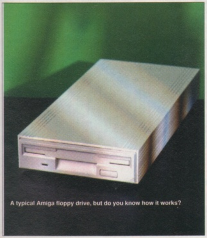
These drives work on all Amigas and feature anti-click technology, hardware anti-virus circuitry, disable and through port for extra drives. They are well built and look smart.

They are all standard Amiga 880k drives (ie can format disks with 880k of disk space) and Power Computing also sell a higher 1.76Mb capacity model at £89.

HARD DRIVES

The Archos Overdrive is possibly the best A1200 hard drive. An external IDE hard drive that plugs into the PCMCIA interface of the A1200, it's really easy to install. It is also one of the fastest hard drives CU AMIGA has seen; in tests it clocked an amazing transfer rate of 1430k per second,while the previous record holder (the GVP A530 for A500s) only managed 900k and an internal IDE drive for the A1200 ticked over at 809k! This is one fast drive.

The only problem with the Overdrive is that tends to prevent some expansion devices working. This was one of the reasons we didn't give it a Top Rated award back in March '94. But otherwise its highly recommended for A1200 owners wanting a first or possibly second hard drive. The OverDrive is available from Silica (081-309 1111) and Indi (0543 419 999). Prices start at £150 for a 130Mb capacity, although we recommend you opt for the biggest you can afford.



A typical Amiga floppy drive, but do you know how it works?

Smart Stor is another good, but slightly smaller hard drive from Archos. A full review of this can be found on page 99 of this very issue, so we won't dwell on it for too long. Suffice to say that it's a great little hard drive for the A600 and A1200. It's very fast, but somewhat lacking in design and is only available in 20Mb and 30Mb capacities which is almost certainly to small for most Amiga users.

CD-ROM DRIVES

CD-ROM is a technology that's rapidly gaining popularity. This is mainly due to reasonable, although not brilliant access speeds and the massive amount of data that a single CD can hold – one 5" disc can store over 600Mb of information, which is, er,one hell of a lot!

The Amiga has had CD-ROM technology for some time. Way back in the mists of time Commodore released the A570 CD-ROM drive for the A500, which sold in great quantities but has sadly now been discontinued, although if you're lucky you may find one kicking around for about £99. After that came an Amiga with a CD-ROM drive built-in, the CDTV, and latterly the CD32 games console. »

OVERDRIVE
ARCHOS

» Earlier this year CU AMIGA exclusively revealed Commodore's plans to unveil a CD-ROM drive for the A1200 which, as I write, still hasn't been launched. In its place, however, is the OverDrive CD-ROM. Built by the same company that make the OverDrive hard drive. This product has a prestigious family history, and is set to sell by the bucket load.

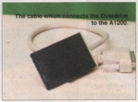
Like the OverDrive hard drive it plugs into the PCMCIA port of the A1200, and offers a good level of compatibility with games for the CD32. Although it won't be able to play FMV/Digital Video CDs, it does support normal audio ones, PhotoCD and CD+G disc formats. It can also load software off normal Amiga CD-ROM discs, including the Fred Fish collection, and numerous other PD discs. For A1200 owners this is a must have product. Once again its available from Indi (0543 419 999) or Silica (081-309 1111) from £199.

A600 CD-ROM SENSATION!

As I write these pages my spies have revealed that several companies are already at work developing a CD-ROM drive for the A600. Initial reports say that it's likely to be closely based on the technology as used in the OverDrive CD-ROM but will obviously not be able to run CD32 games (the A600 was designed before the CD32 came out and so doesn't have the necessary hardware). You will however still be able to load Amiga applications and files, and use PD discs etc.

THE FUTURE STARTS HERE

So there you have it. Storage as we know it. But what does future hold? Well if I knew that I'd be so rich I wouldn't need to worry about it anyway, but there are one or two common sense observations that we can make.



The cable which connects the Overdrive to the A1200.

Firstly, the amount you pay for disk storage space, in whatever form it is, will continue to fall. The price per megabyte is currently around £1.50 judging from the adverts in last month's issue of your favourite magazine. This is bound to drop, there's nothing you can do about this – it's simple economics, whatever you buy today will be cheaper in future – fact. The only thing you can do is protect your investment and try to reduce the time it will take before you have to buy again. For this reason buy big, go for the biggest hard drive you can afford. The smaller you get the quicker you'll need to buy another unit.

Secondly, technology is developing faster now than ever before. Last year the GVP A530 was the fastest Amiga drive, clocking a transfer rate of 900k per second, in under twelve months this has increased by over fifty percent with the Overdrive clocking transfer speeds of practically 1.5Mb per second. I won't be long before standard Amiga hard drives can fill the entire two meg RAM of an A1200 in under a second – think about it! Again, there is nothing you can do about this, but this time you can save yourself money. Apart from the ego boost of having the fastest hard drive in town is there any real need to go for the fastest, and therefore most expensive after all it's going to be out of date in a matter of months. Save yourself money and give priority to the amount of storage capacity you want instead!

The first A1200 CD-ROM drive.

JARGON BUSTER

ANTI-CLICK: Amiga disk drives have an annoying constant click when not in use. Drives featuring anti-click, surprisingly enough don't have this click.

IDE: Integrated Device Electronics. A term referring to a type of hard drive that contains its own interface and controlling electronics.

The last assumption is more of an educated guess. CD-ROM drives that can not only read but also write are already available but they cost a fortune. But how long will it be before they become mass market and affordable – sooner than most people think is my guess. In other words think carefully about where one of these will go. My bet is on the PCMCIA interface, it's therefore probably worth asking yourself if you'd buy a writeable CD-ROM drive, and if so do you want the interface port that it will probably use blocked by a hard drive which could have gone inside the Amiga. I doubt it, my tip is go for internal hard drives. CU

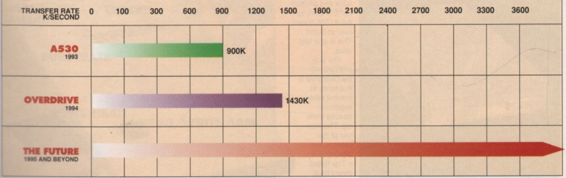
POWER UP YOUR FLOPPY!

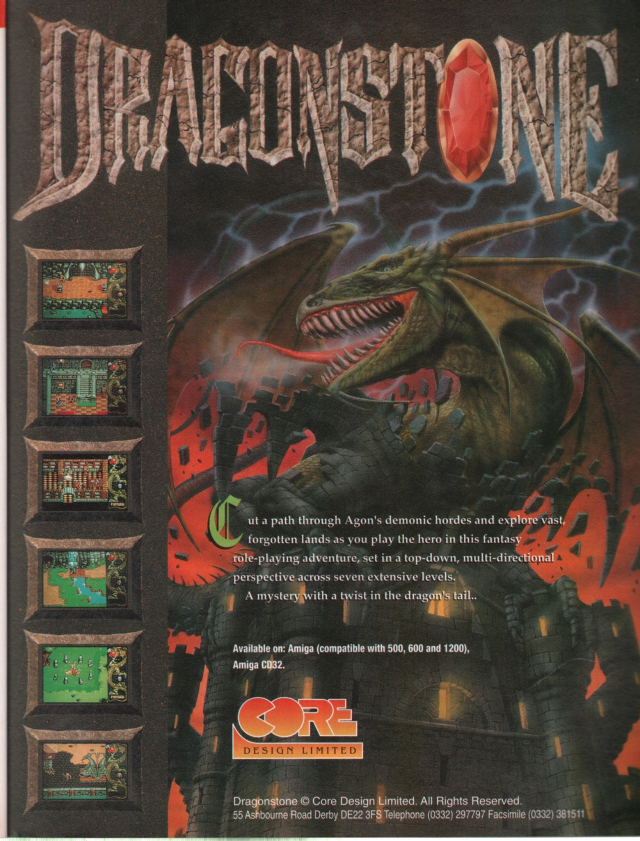
Did you know that you can double the amount of space on a floppy disk or hard drive?

Simply pop out a buy a program called Disk Expander from Power Computing and install it on your disk. It compresses the data on the disk and uncompresses it when you come to load it. By doing so it reduces the amount of space needed on the disk to hold programs and files, thus increasing the amount of space left.

It's a very clever utility and an extremely useful program.

HARD DRIVE PERFORMANCE, PAST PRESENT AND FUTURE





Cut a path through Agon's demonic hordes and explore vast, forgotten lands as you play the hero in this fantasy role-playing adventure, set in a top-down, multi-directional perspective across seven extensive levels.

A mystery with a twist in the dragon's tail..

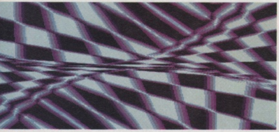
Available on: Amiga (compatible with 500, 600 and 1200), Amiga CD32.

Dragonstone © Core Design Limited. All Rights Reserved.

55 Ashbourne Road Derby DE22 3FS Telephone (0332) 297797 Facsimile (0332) 381511

GOING PUBLIC

Some would say the public domain system is the backbone of the Amiga community. There are thousands of programmers, musicians and artists, all giving away expertly crafted software for nothing. It sounds like a naive dream, but it's actually a reality. But what's it all about? How does it work? How can you become a part of it? Tony Horgan has the answers.



WHAT IS PD?

Public Domain software is created by enthusiastic computer users who want no payment for their programs. PD software can be whatever the author wants it to be: a game, a word processor, an art package, a music or graphics demo, a magazine on a disk, a slideshow, an educational program, an obscure utility for a minority of specialist users ... the list is endless.

Why do people do it? Because they want to. Much of the software on the PD circuit could not be released commercially for a number of reasons. A lot of PD is 'disposable'. Demos, animations, disk magazines and the like may only be used a few times, then the disks are formatted. Some are far too alternative for an established commercial distributor to understand, and others may only have a very limited audience. In general though, most PD software is developed for the satisfaction of the authors, and for the benefit of the rest of the Amiga community.

HOW TO RELEASE PD GOODS

The best way to release your own PD is through the PD libraries. These are organisations that sell PD disks for nothing more than the price of the blank disks, and the running costs of duplicating, post and packing and so on. The idea is that the libraries make no profit from selling the disks. You get your program released to the masses, and wash your hands of all the advertising and mailing chores.

All you do is send your disk, or disks, into any or all of the PD libraries you can find, with a letter giving permission for the library to distribute it for no financial gain, and a statement that says these disks are your own work, just to clarify the situation. You should also put a similar notice on the disk itself, in the form of a text file or an intro screen. It's then up to the PD library to decide whether they want to add your disks to their catalogue. Most have some form of quality control, and won't just accept any disk. You should try to produce the best product you can, but so long as you don't come up with a complete pile of tripe, you shouldn't have to many problems getting it distributed. Look through the adverts in this magazine and you'll find stacks of PD libraries to target.

HOW TO WRITE PD

There are no rules on this score. As PD software doesn't need to make a profit, you don't have to pander to any particular market or audience. You're free to do whatever you like, however absurd, alternative, weird or original it may be. You don't have to be a programming boffin either (although it does help), as there are plenty of development systems to help you get your ideas out of your head and onto a disk. Here are some of the main areas of PD software, and the tools you could use to create them. Some are commercial packages, others are PD. The PD programs are preceeded with an asterisk (*). Many of the commercial packages have appeared as coverdisks on previous issues of CU AMIGA, so check your disk collection. Look through the adverts in this issue for the best prices on any you don't have. Look out for the fully-functioning new version 2.0 of the excellent *Videotracker*, to be given away exclusively with the next issue of CU AMIGA.

These recommendations are assuming you cannot program in languages *C*, *Assembler* or any other low level language, which will of course give superior results in many cases (games, demos and utilities especially).

Games: *AMOS, Blitz Basic.*
Demos: *Videotracker, *Demomaker, Demomaniac.*
Music disks: **OctaMED, *Protracker, Sonix, Deluxe Music Construction Set.*
Utilities: *AMOS, Blitz Basic.*
Animations: *MovieSetter, Deluxe Paint, Brilliance, Aegis Animator, Fantavision.*
Multimedia presentation: *Hyperbook, Can Do, Scala, Mediapoint.*
Disk magazine: **Magnum, Menu.*
Educational: *AMOS, Blitz Basic, Hyperbook.*

COPYRIGHT CAUTION

Just because you're not selling your PD disks for profit, you're not exempt from copyright laws. A few years ago, you could get away with sampling a complete song and putting it on a disk (a pointless exercise, but it was a popular activity for a while). Since then, quite a few PD libraries have had visits from the boys in blue, who have confiscated large numbers of disks. These days you have to be more respectful of copyright, although you can still get away with a certain degree of infringement. Disks such as the Deep Space Nine slideshows, clones of old arcade games, *Final Frontier* (an unofficial *Star Trek* disk magazine), and the insane *Wayne's World Pong* are testament to this. However, we can't really recommend you infringe anyone's copyright. If you do, you should be prepared for the copyright holders to get rather stroppy.

The other dodgy area is pornography. There's plenty of this available from bulletin boards, but most reputable PD libraries won't distribute the hard stuff, usually drawing the line at topless pictures, or the occasional bit of nudity in a fantasy art demo.

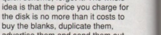
YOUR OWN PD LIBRARY?

If you want to get involved with PD, but don't fancy creating it yourself, the other option is to start your own PD library. If you want a get rich quick scheme, forget it. The whole idea is that the price you charge for the disk is no more than it costs to buy the blanks, duplicate them, advertise them and send them out. There are enough libraries that respect the system, so anyone who starts charging too much for their disks won't last for long with those for competition.

To set up as a PD library, all you need is a selection of PD disks, a disk copying utility, and your Amiga. However, if you have any plans for your library to grow from a part time hobby into a full time job, you'll have to be prepared to expand your setup to accommodate the increases in your mailouts and disk duplication. We at CU AMIGA don't claim to be experts on running a PD library, so we asked four of the best Amiga PD libraries a few questions to find out just what's involved. This is what they had to say.

THE PD LIBRARIES

The following four PD libraries were chosen for their outstanding level of service. Some are big, others are not so big, but all offer the latest PD at a fair price, with a quick turnaround of orders, which are fulfilled by return of post in many cases. How do they do it? We asked them just that.



You can do what you like with PD, if you want to include an animated cartoon crocodile in your demo, go right ahead.

Name: NBS PD
Year Established: 1987 (PD in 1989)
Telephone: 0983 529594
Fax: 0983 821599

Why did you start a PD library?
Bought an Amiga, and then together with a friend, started selling blank disks and boxes as a hobby by mail order and to the local Amiga club. Started to collect demos, but never thought of being a PD library. In spring 1989, decided to give it all up, but before we did (we had made enough money from the previous two ears to buy a printer, a half Mb upgrade each, and about 12 pints of lager), we put our remaining profit into one final advert. This was the famed NBS PD EARTHQUAKE! which in effect cut the price of PD in half, down to 99p. The result was phenomenal! The rest is history!

How much capital did this require
We managed to get a £1,000 loan from the bank.

What mistakes did you make in the beginning?
The big mistake all PD libraries have made is an escalation in advertising! It's very easy to get sucked into too many magazines. PD is a low profit business, and advertising takes most of it!

How do you promote your disks?
Adverts in magazines, features in magazines, plus our own magazine (it's grown to a newspaper now).

Where do you get your disks from?
Many are sent in, some are swopped with other PD libraries, plus bulletin boards and CDs.

How do you copy your disks?
Using a high speed disk duplicator.

Don't you get a sore tongue from licking all those stamps?
Not these days.

Do you need a big selection of disks for a successful PD library?
Yes! You are expected to have the latest version of AmiXXXX or whatever. People will always be asking for programs not in the library, so a few disks would be a big handicap.

What makes your PD library so special?
NBS is a full-time occupation! We are not based in a bedroom in the evening. OK, we are not the cheapest (not the most expensive either), but we are reliable, and care about our customers. Orders generally go out the day we receive them. One order that gave us a buzz was phoned in at 5.20 one evening, from the Channel Islands. 7.30 the next day he had his order on his doorstep.We also produce the most comprehensive paper catalogue. We don't think any other library has anything like it.

Top five disks this month:
1. Assassins games 159 (ASI 159)
2. Text Engine Wordprocessor (PB 020)
3. ASI Virus Killers (PU 460)
4. Artistix Paint Package (E 037)
5. 1.3 Emulator for A1200 (U 743)

Most requested disk of all time:
No figures for a precise answer, but probably D-Copy, Various Virus Killers, or the Puggs in Space demo (A1200 compatible with 1.3 emulator).

Name: Cynostic
Year Established: 1992
Telephone: 0203 681687
Fax: 0203 638508

Why did you start a PD library?
To fund CD game development. However, PD took over and has grown since. We all had a massive interest in the Amiga before all this, but the library has intensified it. Quite a few of ex-Cynostic people now do amazing high-end work.

How much capital did this require?
About £500, probably less. We already had lots and lots of disks and some equipment.

What mistakes did you make in the beginning?
We were too naive possibly. We accepted what people told us, often to our detriment.

How do you promote your disks?
Magazine reviews, magazine advertising, catalogue disks, Internet.

Where do you get your disks from?
BBS, Internet, the authors. We're one of the quickest in this respect.

How do you copy your disks?
Using the Amiga itself, or from Diskmasher files from hard drive or CD-ROM.

Don't you get a sore tongue from licking all those stamps?
Yes! There have been a few nasty accidents. But I won't go into them here, there too rude.

Do you need a big selection of disks for a successful PD library?
Yes! It's essential, and you must know about each one.

What makes your PD library so special?
We're friendly, cheap, quick, honest, love the Amiga and we have a sense of humour about it. Plus, we don't make any money from it, which is a bit unusual some would say!

Top five most requested disks of the last month:
1. Virtual Dreams – "Breath Taker" (D 0305 abcde)
2. The Final Frontier #7
3. Teletext 1.2 (U 0142)
4. Amiga Fax 1.4 (U 0182)
5. Zombie Apocalypse 2 (G 0224)

Most requested disk of all time:
Spaceballs – "State of the Art" demo (D 0241)

Are Six FaCES Enough?

Hacker demos are on of the most exciting parts of the public domain, where the world's best programmers show the commercial boys how it's done, with stacks of nice sounds and graphics.

Left: Digital Dreams — one of the better examples of what *VideoTracker* can do for you.

Name of Library: 17 Bit Software
Year Established: 1988
Telephone: 0924 366982
Fax: 0924 200943

Why did you start a PD library?
It started as a hobby which paid a wage to a few enthusiasts – an ideal job! It soon boomed as PD became mega popular, and the company soon had to adopt a more professional stance.

How much capital did this require?
Not much initially (just a few Amigas), but now we have in excess of £35,000 worth of hardware.

What mistakes did you make in the beginning?
Too much advertising. It is possible to pass a stage where further advertising does not improve response.

How do you promote your disks?
Advertising in several Amiga publications, recommendations and features.

Where do you get your disks from?
Direct from authors, Internet, BBS etc.

How do you copy your disks?
Professional duplicating equipment (Tracer Ghostwriting equipment) and Amigas.

Don't you get a sore tongue from licking all those stamps?
No, we use a very expensive franking machine.

Do you need a big selection of disks for a successful PD library?
Not necessarily. Quality is more important than quantity (size isn't everything you know!).

What makes your PD library so special?
Expert technical help, fast 24 hour turnaround, unequalled after-sales service. Strict quality control on all library submissions. Good product range.

Top five most requested disks of the last month:
1. The Curse of Doctor Strange (3151)
2. Klondike 2 AGA (3175 AB)
3. Imagine 2 Buddy System (3161 AB)
4. Morphy the Magician AGA (3182)
5. Overlander (3116)

Most requested disk of all time?
Jesus on Es demo (2268 AB).

Left: can't get a megabuck loan to produce a professional pop video?
Then do it on your Amiga instead!
Check out the brilliant Mina Omistan to see what's possible.

Name of library: Visage Computers
Year Established: 1992
Telephone / Fax: 0602 444501

Why did you start a PD library?
At the time (87-89) we were paying around £3.00 per disk, and as our collection grew, we felt that we could sell them for less. Also we're demo and utility freaks!

How much capital did this require?
Not too much at first – around £300, most of which was spent on disks and stationery. Obviously things like advertising, which came later, which cost much more.

What mistakes did you make in the beginning?
Not sending in LSD's Jesus on Es demo to be reviewed, as we had it virtually on the day of release.

How do you promote your disks?
Advertising in Amiga magazines. Also sending disks in for review.

Where do you get your disks from?
BBS, Internet and programmers.

How do you copy your disks?
We use DCopy 3.1 and FEX (a custom-written program for hard drive to floppy copying).

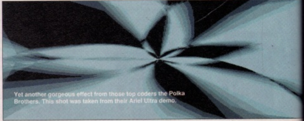
Doesn't your tongue get sore from licking all those stamps?
No, but we're getting addicted to the glue (not).

Do you need a big selection of disks for a successful PD library?
The more disks the better. It is also important to try to get the latest disks quickly.

What makes your PD library so special?
Being the sole distributors for the LSD legal tools from disk 152 onwards. Having the latest demos and utilities. Quite a reasonable price of £1.00 per disk.

Top five most requested disks of the last month:
1. Virtual Dreams - Love (AGA)
2. Stellar - Mindflow (AGA)
3. Complex - Real (AGA)
4. LSD Legal Tools 156
5. Rage - Maximum Overdrive 2 (AGA)

Most requested disk of all time?
Fairlight – 242 demo.



Yet another gorgeous effect from those top coders the Polka Brothers. This shot was taken from their Ariel Ultra demo.

PC REVIEW
OCTOBER 1994 • £3.95
COLONIZATION
THE GRAVIS ULTRASOUND COLLECTION ON CD
MICROPROSE'S TRANSPORT TYCOON
EXCLUSIVE REVIEW!
Sid Meier surpasses Civilization
IF YOUR HIGH-DENSITY COVER DISK IS MISSING, CONSULT YOUR NEWSAGENT
IF YOUR CD-ROM IS MISSING, CONSULT YOUR NEWSAGENT
MUSIC SPECIAL!
• PC SPEAKERS: WE TEST THE BEST
• YAMAHA'S SUB-£200 PC COMPOSER
YOUR COMPLETE GUIDE TO PC ENTERTAINMENT

IN THE OCTOBER ISSUE OF PC REVIEW...

Sid Meier's Colonization

It's been a long time but the follow-up to Civilization is HERE, and it's reviewed ONLY in PC Review!

PLUS

- Why buy a new PC when you can rent? It could work out more cheaply - we explain how.
- The future of sound: we look behind the scenes at Creative Technology, the people behind the Sound Blaster.
- Give your sound card the speakers it deserves - four sets of speakers reviewed and rated in our definitive test.
- Who owns who? How the PC games publishers are slowly but surely becoming part of Hollywood - a special PC Review investigation.
- Be the first to play MicroProse's Transport Tycoon, with PC Review's special cover disk extract.
- All this and a free CD-ROM on the cover, too. This must be PC heaven!

PC Review October 1994
In the shops on September 15th
Reserve your copy NOW!

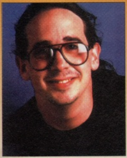
PC REVIEW

CD32 ZONE

The only place for news and reviews on the CD32

NEWS

What an unusual month it's been! On the one hand you have Psygnosis pulling one of this year's most important games; a game that could have really shown off the power of our favourite 32-bit console. On the other, however, we see complete levels of Mindscape's *Megarace*; a game that can really show off the power of the machine. Good stuff. That's more like it – games that show off the CD32 for what it is – not just A1200 ports or games that look like Amiga games. The CD32 is going to have some very tough competition soon, in the way of the SEGA Saturn and the Sony Playstation, and to stand any real chance of blowing these toys out of the water, we have to have a lot more than *Zool 2* and a perfect port of *Frontier*!



And it looks like we'll do it no problem if there are more games like *Megarace* coming our way.

Tony Dillon
Games Editor

NOVASTORM NO MORE!

In a shock move this month, Psygnosis have announced that the much touted sequel to *Microcosm* – originally titled *Scavenger* before its name was switched to the less than snappy *Novastorm*, has been withdrawn from development. Oddly enough, it has only been taken away from the CD32 platform, and all other versions such as the SEGA MegaCD will continue as planned. The reason for this unusual move? The programmers concerned, who as all *Microcosm* owners will know are Stuart Sargaisson, Richard Weeks and Pete Marshall, have all been moved across to develop for the up and coming Sony console, the Playstation, and Psygnosis just don't have the programmers to spare to continue work on the AGA version. Whether or not development begins again will all depend on how the machine performs at Christmas, along with how the PSX performs when it finally appears. For more information, call Psygnosis on 051 709 5755.

COMMODORE CONFIRM NEW GAMES CONSOLE

Commodore UK have exclusively revealed to CU AMIGA that not only are the Amiga and CD32 set for a bright future, see our lead news story on page 16, but a new generation games console is in development and planned for release next year.

David Pleasance, Managing Director of Commodore UK, exclusively revealed to CU AMIGA that a new system is to be launched. David told CU AMIGA: "the new generation system will be launched in 1995", he also specifically avoided mentioning the CD64, previously used in, until now, unconfirmed speculation regarding a potential new Amiga console.

Just exactly what hardware will be featured in this console is still unknown. However, Commodore are known to have RISC architecture hardware in their R&D labs, which is reported to feature many of the capabilities of sophisticated graphics workstations. It's also known that any new console would be competing with the Sony PlayStation, Sega's Saturn and the Nintendo Ultra 64, all of which Commodore are aware of and will surely be working to beat. Given these two facts the new generation CD32 is certain to be a killer system and capable of slugging it out with the competition. Those doubting Commodore's ability to produce such a product should remember that the Amiga was first developed 10 years ago, and only now are rival systems starting to catch up with its high performance graphics hardware.

The only question remaining is timing for such a launch. Commodores previous tactics have been to make surprise launches in late Autumn, to capture Christmas sales. Given this record it would be likely that the console would be unveiled at the Autumn ECTS trade show.

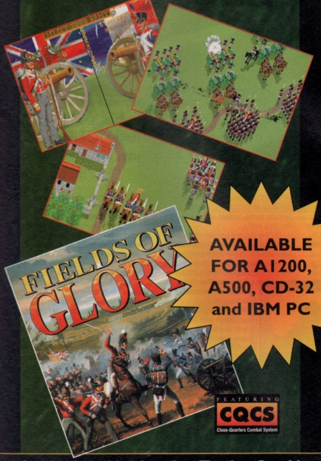
Even without the news of this new system the CD32 is set for a roller coaster ride this Christmas, with a wealth of big new titles planned for release, at the same time as one big title is dropped – see news story (left). The CD32 has a bright future.

SOUNDS UNUSUAL

Weird Science continue their endless support for the more technical users of the CD32 with the release of three more CD-ROM data titles this month, all compatible with PC and Amiga CD-ROM units. *Sounds Terrific* is the name of a double CD pack for all the budding musicians out there, and unlike standard sample CDs, it features no audio tracks at all. Instead it features thousands of modules, sample files in IFF and RAW formats, Sonix scores, MIDI files plus all the PD sound utilities you could wish for. In a more traditional vein, they are also releasing a clip art CD by the name of Clip Art, which features over 550Mb of clip art in black and white, IFF, Coloured IFF bitmap, Proclips, EPS, IMG and brushes for Deluxe Paint. Finally there's a complete CD database of fonts under the unassuming name of Fonts. With over 900 fonts on the CD, you'd be hard pressed to find a more comprehensive range for the price. Speaking of the price, you'll be pleased to know that both the Clip Art and Font CDs are only £9.99 each, and the *Sounds Terrific* double CD pack is the extremely reasonable £19.95! For more information, call Weird Science on 0533 340682 Price: £19.95

FIELDS OF GLORY

TOUGH DECISIONS AS THE BATTLE RAGES



AVAILABLE FOR A1200, A500, CD-32 and IBM PC

Has your desire for battlefield leadership been fulfilled? Or, does the prospect of another wargame leave you cold?

Now, MicroProse present *Fields of Glory* for the Amiga: a game designed to break the mould of dull simulations.

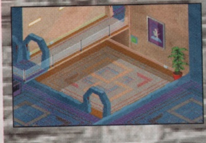
The emphasis is on action and the heat is on you to make those crucial command decisions. The rich, vibrant sights and sounds of our Close-Quarter Combat System replace the tired interface of traditional wargames. You'll find that skilful 'against-the-clock' decision making is more important than historical knowledge.

***Fields of Glory*: the fury of real battlefield action. For A1200, A500, CD-32 and IBM PC Compatibles.**

SIMULATION

MICROPROSE

Diary of a Game



PART 7

While John Jones Steele has been away sunning himself in Florida, Dave Rowe has been given artistic licence with Space Academy. Let's see how he got on.

Dave can not believe that it has been a month since the last entry in the Diary. He's been so busy with the latest developments in *Space Academy* that he hasn't even noticed the time flying by.

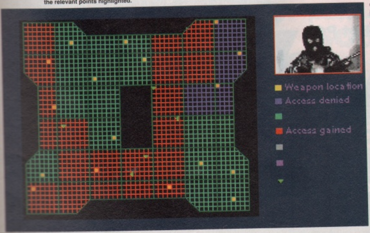
"I have not seen much of the Summer, having installed black blinds in my studio, but as I look out the leaves are starting to turn Autumnal and the odd leaf is drifting past the window." Very poetic speech John so what exactly has been taking up so much of your time? The answer is their new toy. "John and I each have a copy of *Lightwave* and we are working our way through the manuals. I only wish that I could cram it all into my head in half an hour, but as it is, work on the main body of the game has to progress and only the odd snatched hour, as time allows, can be allocated to the tutorials. John is currently working on developing the wire frame animation based upon our intro section storyboard and will include some frames in next month's entry.

"In the current version of *Space Academy* we are able to guide our hero around all eight levels of building one using the bright, flat-coloured template rooms," Dave continues. "The first two levels have finished graphics installed and, with level three nearing completion and it is exciting to see the finished game coming together. As each level is completed I send it via modem to John and he incorporates it in the next version, making minor adjustments where necessary. With such focus being placed upon close detail it is easy to feel that the overview is getting lost or out of control, but by keeping regular checks on this we can see that the direction is OK and that everything is coming together as planned."

So with the game rushing towards completion, what else remains to be done? "We still have some refinements to make, like visual puns, non-interactive sprites, droids scuttling around making each scene look busy and so on, but these are best done when we pull the whole thing together once all the graphics are finally completed.

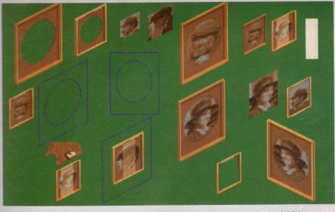
The main character has been animated in all of the eight directions required. Unfortunately, once they were combined with the game the North and South directions were tota crap so we have to scrap those and do them again."

A new shot of your laptop computer. As you work through the level, it gets mapped out with all the relevant points highlighted.



COMPLEXITY

One thing the Stellar Genesis Agenc have found is the way that their juice are increasing in flow. "As we produc more levels the complexity of the rooms increases. In the last issue we included a level two room which had raised balcony with connected rooms that were out of view. We are exploiting this feature more and more for example the template room from level six has four levels of balconies, one above the other. This i as many as we feel will comfortabl fit the screen, considering the resolution of the sprites.



By drawing the frames and setting their perspective to match the wall, portraits in the castle are a doddle!

"As the rooms become more complex, so the puzzles grow in complexity. You can see the vital object in the room below your balcony, but there is no access to it. In order to reach the object of your heart's desire you must plot a course back through the current section of the level you are on in order to arrive in the room below. We are going to get really mean in the later levels, because you will have to work your way not only through the current security section, but also through other security sections on that level and ultimately use the lifts to visit lower levels, cross them and find another lift shaft to bring you back to the level that you were on in a position that enables you to reach the required room.

Just a small section of the castle model, for one of the later levels. Just check out the amount of detail in this map.

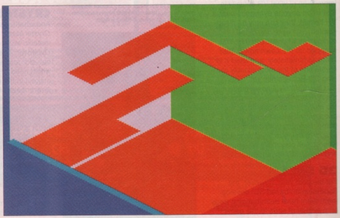
"All this would be an absolute nightmare, but we make sure that it is merely a bad dream by the provision of the laptop. All you have to do is make sure that it is continually updated by plugging it into the videowall stations on each level and recharged by using one of the infrequent power points."

VIDEOWALL

However, the 3D elements of the game aren't the only thing that need work. "As we have said before, the laptop contains mapping information of your progress so far, areas as yet inaccessible, location of victuals,arms, ammunition, etc. When you plug it in to the videowall you get a more detailed, full colour view of the floor plan or any floor plan already visited. The video that was playing at the time is reduced to picture in picture top right. With all this wealth of information at your fingertips you can backtrack on your progress and pick up an alternative route with a reasonable amount of certainty, well maybe, of reaching your destination safely. As the videowall is priming your laptop you can decide your best route as the map shows your current direction of escalators as well as all the other necessary information. This leaves you merely the unexpected to have to deal with."

ARTIST AT WORK

Dave is, in many ways, a traditional artist, and is bringing his arty background to the game. "In producing the final graphics for the rooms in building one we chose to include a large number of framed pictures. These were produced from my large reference collection of tapes, slides and reference books and treated in much the same way as the wall textures, ie grabbing them, reducing them in scale, shearing them and finally colouring them and framing them. With these in place it is possible, for the later levels, to include them in cryptic clues as to the location of invisible floor switches. I do not think that we should say any more about it for now or we will give too much away.



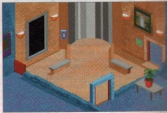
Template room where all the work on the colour begins.

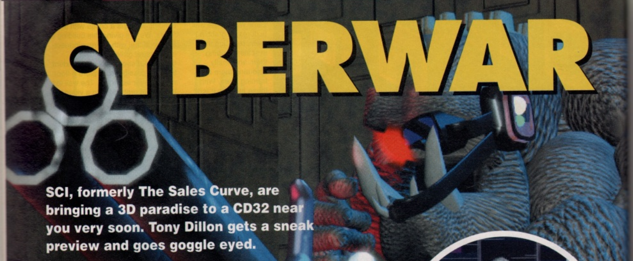
"Whilst working on building one we feel that it is important to keep the whole thing looking fresh and so I tend to only do a few rooms at a time before switching my attention to another aspect of the game, like animations or the other buildings. Whenever I feel that there is a danger that the rooms might begin to look the same, I like to switch to working on the second building which is a castle with six floors. We are giving this building a Medieval feel with an interconnecting minstrel gallery running throughout each level to the extent that it is possible to explore a floor without ever leaving it. The wall textures were grabbed with a video camera appropriately enough from Aberystwyth Castle. The stone blocks in the straight grab were too large so I picked it up as a brush and halved it, applied shear, and stamped it down over the entire page. A translucent blue rectangle applied over the page then produced the basic background wall. This is then embellished with tapestries, flaming torches, oak beams, suits of armour, hidden passages and all those other fiddly bits that give the right atmosphere, coupled with, anachronistically, mobile guardian droids on rails who can suddenly appear,glide past you taking a pot shot or two, and disappear."

AND SO ...

As John's holiday is fading in his memory as fast as a Florida sunset (something that even eight rolls of holiday snaps can't help), he really knows that he is back to work now that he is has to change all the masks in level one to take account of all the changes that Dave made to the graphics whilst he was away. Of course Dave did this, not through any sense of malice you must understand, but through artistic integrity, you understand.

Below: room seven is nearing competition.





CYBERWAR

SCI, formerly The Sales Curve, are bringing a 3D paradise to a CD32 near you very soon. Tony Dillon gets a sneak preview and goes goggle eyed.

The enormous Cybercomplex is a dark and frightening place to be – something that SCI have managed to capture extremely well.

The Lawnmower Man has done Virtual Reality a lot of damage. The tale of Jobe and Cyberjobe gave so many people the wrong impression of what VR actually is that when anyone ever goes near a VR helmet, they can only be disappointed. SCI were one of the companies who realised this, and snapped up the *Lawnmower Man* license immediately, and used it to create one of the most visually stunning CD-Rom games yet.

Unfortunately it never made it to the Amiga or CD32, but that wasn't too much of a problem because apparently it wasn't a very good game, suffering quite badly from *Dragon's Lair*-itus; a game syndrome whereby all playability is removed and replaced with fancy graphics.

3D DREAM

For the past year, however, the Southampton-based SCI development team have been banging away on a sequel of sorts to this game. Something that takes the staggering visuals of the original, yet adds a whole new level of playability. *Cyberwar* is the result, and it continues the story of the original game, where you take on the role of Doctor Angelo, battling against the might of the twisted Cyberjobe within the cybercomplex of the VSI mainframe computer.

The tower is the place where Doctor Angelo goes to die, although in this high resolution shot, he's not going without a fight.

There are many different kinds of game room, all of which require an amount of skill, dexterity and forward planning.

It's taken a team of 12 people the last twelve months to come up with the amazing screenshots you see on this page, using a combination of 3D Studio on high end IBM PCs and full Silicon Graphic workstations, rendering enough 3D footage to fill no less than three full CDs! As you can see, the images are downgraded slightly for the sake of compression but by enlarging the size of the pixels, SCI are able to run 256-colour animations at high speed, and still leave enough room for a game.

CRYSTAL MAZE

And what a game it is! Take the *Crystal Maze*, stick it inside a weird metallic world and you've got *Cyberwar*. There are dozens of combat, skill and agility rooms, all of which need to be solved if you are to make it to the end of the game. *The Lawnmower Man – The Game* was considered by most to be far too linear, something that SCI have taken note of this time around, and as a result you can now play the games in any order you like!

At the end of the day, though, what's really going to sell this game is the look. Still screenshots are never going to show you the fabulous direction or the smoothness of the animation, but they are going to make you want to rush and see it for yourself. That's why we're letting the images speak for themselves. We'll have a full review of *Cyberwar* very soon indeed. Watch this space.

Bernie is the real bad guy of the game. He'll rip you in half before blinking, although that could be because he has no eyes.

CRAZY DISK PRICES!! GUARANTEED

GREY-TRONICS LTD

LOWEST PRICES

BEST SERVICE

RAPID DELIVERY

SALES FREE CALL 0500 737 800
OTHER ENQUIRIES 081 686 9973 / 081 781 1551

DISKS DISKS DISKS + LOCKABLE BOXES

100% CERTIFIED ERROR FREE

	Grade A	Grade B	
50 3.5" DS/DD	£20.00	£16.50 + 100 cap lockable box	Add £4.00
100 3.5" DS/DD	£34.00	£28.00 + 100 cap lockable box	Add £4.00
150 3.5" DS/DD	£49.50	£38.00 + 2 x 100 lockable box	Add £8.00
200 3.5" DS/DD	£64.00	£48.00 + 2 x 100 lockable box	Add £8.00
300 3.5" DS/DD	£94.50	£69.00 + 3 x 100 lockable box	Add £12.00
400 3.5" DS/DD	£120.50	£92.00 + 4 x 100 lockable box	Add £16.00
500 3.5" DS/DD	£145.00	£110.00 + 5 x 100 lockable box	Add £17.50
1000 3.5" DS/DD	£280.00	£205.00 + 6 x 100 lockable box	Add £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

3.5" DELUXE LOCKABLE BOXES

40 Capacity	£3.99
100 Capacity	£4.50

Add £3.10 P&P

3.5" STACKABLE BOXES

100 Cap Addup	£7.99
80 Cap Banx Boxes	£7.99

Add £3.10 P&P

AMIGA CD32

6 GAMES PACK: MICROCOSM, CHAOS ENGINE, OSCAR, DIGGER, DANGEROUS STREET, WING COMMANDER

£232.99

FREE DELIVERY

SX1 Modular Expansion	£187.99
Keyboard for CD32	£36.99
Competition Pro Pad	£15.99
CD32 to Scart	£11.99
CD32 to Amiga 1200	£39.99
Disk Drive for CD32	£48.99
100 games	£19.99
CD32 Lens Cleaner	£9.99

Add £2.00 p&p

AMIGA 1200 PACKS

FREE 4 GAMES WITH ALL PACKS

RACE 'N' CHASE

Nigel Mansells + Trolls

£289.99

COMBAT PACK

£319.99

Wordworth, Print Mgr, Personal Paint IV, Day by Day, Total Carnage, Brian the Lion, Zool 2

ADD £10 for 10 Disks, Mouse mat, Joystick, Disk Cleaner, 40 Cap lockable box

£309.99 | **£339.99**

FREE Mouse mat - Disk Cleaner - Joystick
Syndicate, Chaos Engine, Nick Faldo's Golf, Pinball

80Mb	£429.99	85Mb	£475.99
127Mb	£475.99	127Mb	£524.99

Authorised Dealers – 1yr. at home service FREE DELIVERY

AMIGA 600 FREE JOYSTICK

Zool Pack + Photon Paint + GFA Basic v3.5
STARTING PACK £14.99 for:
10 Disks, Mouse mat, Microswitch Joystick, 40 cap. Storage box, Disk cleaner. Add £3.20 p&p

£194.99

1st Come 1st Served

CD Rom for A1200 available £189.99

HURRY

SMART BUY

THE NEW ZAPPO SMART AND STORE

Provides games and data portability to the A600 & A1200. Simply plug it into your PCMCIA slot and you will have all your data and games handy anywhere.

30Mb	£199.99	170Mb	£224.99
130Mb	£219.99	340Mb	£329.99

ROMBO VIDI AMIGA 12RT	£145.00
ROMBO VIDI AMIGA 24RT	£220.00

Capture from any video source true realistic images. Full AGA chipset support

RAM UPGRADE & MATHS ACCELERATOR

AMITEK HAWK for AMIGA 1200 **FREE DELIVERY**

FREE DELIVERY	No FPU	33 MHz FPU	40 MHz FPU	PC MCIA
1Mb Ram	£99	£157	-	-
2Mb Ram	£137	£197	-	£117
4Mb Ram	£197	£257	£295	£176
8Mb Ram	£389	-	£489	-

TOP QUALITY RIBBONS

	Black		Colour
	Branded	Compatible	Branded
Panasonic KXP1124/1123/1180/1080	8.50	3.30	N/A
Panasonic 2123/2180	8.15	4.00	15.45
Citizen 120D/Swift 9/24	N/A	2.70	13.60
Citizen Swift 90/200	N/A	2.70	13.60
Star LC10/20	N/A	2.95	10.99
Star LC200	N/A	3.50	12.30
Star LC 2410/24200	N/A	3.50	12.50
Epson LX400/LQ100	N/A	4.00	N/A

Add £2 for Delivery

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga	£10.99
Modulator overhang lead 23M/23F	£11.99
Python 1M Joystick	£8.75
Maverick 1M Joystick	£10.99
Technoplus Control Pad	£7.99
Joystick Splitters (2)	£5.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500P/600	£4.00
Commodore/Philips monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

INKJET CARTRIDGES & REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Dual Capacity Refill	£15.99
HP Deskjet 500 C Colour Cartridges	£25.99
HP Deskjet 500 C Colour Refill	£16.99
Canon BJ 10e/ex Black ink Cartridges	£16.99
Canon BJ 10e/ex Black ink Refill	£9.99

Add £2 for Delivery

PRINTERS

*FREE Word Processor, lead, dust cover, printer stand, 500 A4 80gsm paper, delivery

*Panasonic 2123 24 pin Colour	£189.99
Citizen ABC 24 pin colour	£159.99
Citizen Swift 200 24 pin colour	£186.99
Panasonic 2023 24 pin mono + sheet feeder	£149.99
Panasonic 1150 9 pin mono	£114.99
Star LC100 9 pin colour	£129.99
Hewlett Packard Inkjet 310 colour	£252.99
Hewlett Packard Inkjet 560 colour	£469.99

MONITORS

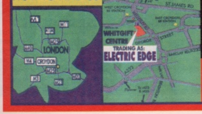
Microvitec 1438 (Free speakers)	£294.99
Phillips 8833 II/Commodore 1084S	£219.99
Sharp TV Monitor	£169.99

ACCESSORIES

3.5" Disk head Cleaner	£2.99
Mouse Mat	£2.25
1000 Labels	£6.99
Amiga Disk Drives (Cumana/Amitek/Zappo)	£54.99
Manhattan Mouse Amiga/Atari	£12.50
Universal Printer Stand	£4.99

ADD £2.00 FOR DELIVERY

HOW TO FIND US



ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY).
ADD £8.00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE,
CROYDON, SURREY CR0 1UU

SALES HELPLINE: 081-686 9973 Mail order prices only **FAX: 081-686 9974**
All offers subject to availability. E&OE. Prices/Pack details may change without notice due to currency fluctuations.
Please allow 6 working days for cheques to clear.

Access VISA SWITCH

U.K. & INTERNATIONAL DELIVERY SERVICES – (BFPO ORDERS WELCOME + SURCHARGE)

LAND
AIR
SEA

What do you get if you take an idea for an interactive tune, and then wait five years to complete it. Gremlin know the answer, and are willing to whisper it in Tony Dillon's ear.

LITIL DIVIL

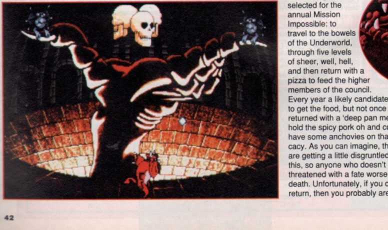
One of the first things anyone ever did when the optical medium (CD-Rom/Laserdisc) was first used on a computer system was attempt an interactive cartoon. In case you need reminding, that particular game went under the name of *Dragon's Lair*. The world was wowed by the fantastic graphics and sound, but when anyone actually tried to play the thing, they tended to walk away quite disgruntled. The problem was that it just wasn't playable at all, being more a case of remembering the required joystick movements for each screen rather than actual interaction. Since then there have been various attempts at interactive cartoons, but almost all of them have failed.

Now Gremlin Graphics are giving it a go with *Litil Divil*, a game that has been in production longer than most of you have had an Amiga. In its time it's been a floppy disk based maze game, then a PC CD-Rom based puzzle game, then a combination of the two, and now it's made its way onto the CD32, and to be honest it's the closest to a fully interactive cartoon yet, but that doesn't make it a perfect game by any stretch of the imagination.

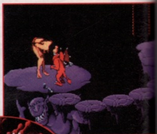
GARLIC BREAD WITH CHEESE

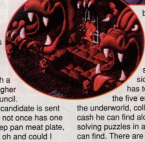
You play Mutt Divil – a young but enthusiastic denizen of hell, who has been unfortunate enough to be selected for the annual Mission Impossible: to travel to the bowels of the Underworld, through five levels of sheer, well, hell, and then return with a pizza to feed the higher members of the council. Every year a likely candidate is sent to get the food, but not once has one returned with a 'deep pan meat plate, hold the spicy pork oh and could I have some anchovies on that' delicacy. As you can imagine, the elders are getting a little disgruntled about this, so anyone who doesn't return is threatened with a fate worse than death. Unfortunately, if you don't return, then you probably are dead, but then again this is hell, and so it all works out somehow.

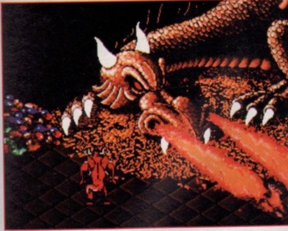
Enter Mutt – the man (of sorts) with a mission. Essentially he has to travel through the five enormous levels of the underworld, collecting all the cash he can find along the way and solving puzzles in all the rooms he can find. There are fifty of these rooms in total, and jolly entertaining they are too. As a rule, solving one of them will either open up another section of the maze, or give him an item which he will need for a later room. Whatever the case, there is one rule that always comes into play when



It's remarkable the kind of things you come across in hell.







Shades of The Hobbit, as you try and steal a dragon's hoard.

you enter a room, you are never told what it is you actually have to do. In many cases, the solution will be painfully obvious from the start, but in others you really need to work through it to get there. Take the Mermaid room for example. Here you are shown a mermaid with an evil glint in her eye sat in a large oyster. In front of her are three rather vicious looking piranha fish. She raises her hand, and a mystical symbol appears. Jumping on the fish also produces a symbol, so it's quite obvious that all you need to do is jump on the right fish to produce the same symbol as the mermaid shows you to complete the screen.

In a more obscure vein however, is the large snake's head that spits spiders at you. This is right at the start of the game, and you can't solve it right away. No amount of stamping on the spiders will complete the screen. Instead, you need to get hold of a can of insect repellent, which you spray into the snake's eyes to destroy it. OK, so you've got no way of knowing this the first time you enter the room, but once you've been to the shop, you should know all about it.

SHOPPING AROUND

Sorry, didn't I mention the shop? Why did you think you had to collect cash as you ran around the maze? (At the end of the level you have to pay a toll to get to the next level, but that's not the only reason to collect money). At the start of each level you'll find a shop with just some of the items you'll need to get through the puzzle screens. You don't actually know which screens require which objects, but due to the nature of the rooms, you don't actually need to know. You can only use the right object in the right room, so if you don't have it, nothing will happen when you press the blue button.

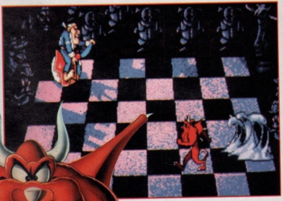
Litil Divil is an incredible looking game, but with all those years of development behind it, it should be. The animation is smooth and characteristic, with lots of fun spot animations and effects thrown in. Every action has a separate animation and sound effect, and after hearing Mutt hum to himself every time he picks something up, I soon managed to drive the office to distraction by humming the same tune every time I picked something up.

So far, it all sounds marvellous, but unfortunately *Litil Divil* isn't quite as fantastic as it first appears to be. The problem really comes down to the size of the levels. Each level is an enormous maze that doubles over and under itself, and contains tunnels and bridges over different parts of the maze. As there are only about ten puzzle rooms per level, this means that there is a hell of a lot of walking around to be done, which can get very boring very quickly.

Also, the hazards in the tunnel screen just can't be seen most of the time. The view window in the tunnel is quite small, and the sprite of Mutt running into the screen is quite large, making it hard to see anything at all. That plus the fact that the whole thing scrolls quite quickly means that more often than not you run into spikes and holes rather than manage to avoid them. This soon becomes frustrating, I can tell you.

LET DOWN

So *Litil Divil* has finally appeared, and to be honest I feel a little disappointed. It has come so close to being a great game that it's a real shame it has been spoiled by being too big. Not that there's anything wrong with a game being big. It's simply that if you are going to stretch something out over a thousand screens, then you need to make sure that there is enough game in there to fill a thousand screens. CU



GREMLIN £29.99

CD32 ONLY

GREMLIN GRAPHICS, CARVER HOUSE, 2-4 CARVER STREET, SHEFFIELD S1 4FS. TEL: 0742 753423

RELEASE DATE:	OUT NOW
GENRE:	PUZZLE
TEAM:	IN HOUSE
CONTROLS:	JOYPAD
NUMBER OF PLAYERS:	1

GRAPHICS	91%
SOUND	90%
LASTABILITY	71%
PLAYABILITY	74%

Great looking game, but large to the point of being completely empty.

OVERALL 79%

BUY TODAY - PAY IN 6 MONTHS

This must be the ultimate offer!! Order any Indi advertised products with a total value of over £100, use them for 6 months and then pay today's normal Indi Price, **No Interest, No deposit, No Strings Attached.** All you have to do is fill in our application form and subject to status the products will be on there way to you. At the end of the 6 month period you will be asked whether you wish to have extended credit from 6 to 60 Months* or pay for your goods in full and without any charges - the choice is yours. Initially you will be asked to choose an extended credit period, however this can be changed to a different payment period or 6 months interest free payment in full.

INDI DIRECT MAIL

is original and very exciting. Before you buy mail order you must first be confident that you will receive the product you've ordered and that the supplier will still be there in the future, should you need them.
A mail order purchase from INDI is a safe and secure decision and here's why. Indi is a wholly owned subsidiary of a public company now in its eleventh year of trading and specialising in the supply of computer products. With a group turnover approaching £30 million per annum, INDI have the resources and the purchasing power to offer you the best deals, deliver them next day nationwide and always be around when you need us.

Express Cheque Clearance

Simply write your cheque guarantee card number, name and address on the back of your cheque and we will normally be able to despatch your order the day that we receive your cheque. Cheques, received without a cheque guarantee card number, will normally clear within a maximum 7 working days.

INDI TELESALES
TEL 0543 419999 FAX 0543 418079
9am - 6pm Monday to Friday
9.30am - 3.30pm Saturdays

BUY TODAY PAY IN 6 MONTHS

* No Deposit * No Interest Charges
* No Strings Attached * Subject to Status

"The level of software compatibility that has been achieved is very impressive....Whatever your CD - ROM needs, the Zappo Drive can handle it." **Amiga Format**

"It is rare to come across a product that's reasonably priced, does the job well and has no major faults... More stunning than a phaser gun in Star Trek. A must for A1200 owners" **CU Amiga**

"A main contender for best A1200 peripheral of the year" **Amiga Pro**

"This is the product that all A1200 users have been waiting for." **Amiga Shopper**

MASSIVE DISCOUNTS ON ALL CD32 AND CDTV SOFTWARE WHEN YOU BUY A ZAPPO CD ROM DRIVE
Gunship 2000, North Polar Expedition, Animals in Motio,Project X / F17, Elite II, Shakespear's Complete Works, Dr Wellman, Liberation, Ryder Cup Golf, Lemmings, Sensible Soccer, Seek and Destroy, Prehistorik, Total Carnage.
PHONE FOR FULL LIST

NEW

ZAPPO AMIGA 1200 CD ROM DRIVE

FREE Zapsac or Zappo T Shirt

A must for A1200 Owners

£194.99

The Zappo Smart Drive simply slots into the Amiga 1200 PCMCIA slot and launches Amiga owners into the exciting world of CD
* Double Speed, Multi Session CD ROM
* Photo CD Compatible * Mix CD and Amiga Audio Output * Plays CD32 Software and many CDTV titles
* 12 Months Warranty

ZAPPO Smart Stor plus

FREE Zapsac or Zappo T Shirt

Plugs into the PCMCIA Slot of the Amiga 600 &1200 the Smart Stor Plus has it's own 12V supply and is ready to go. Excellent build quality at an amazing price. **12 Months Warranty**

FREE Amiga Challenge Software Pack
* International Sports Challenge * Paradroid 90
* Cool Croc Twins * Indianapolis 500

214Mb	£249.99
428Mb	£314.99
270Mb	£269.99

Drives have come down so Indi pass the advantage in to YOU

Zappo External Floppy Drive

FREE Zapsac or Zappo T Shirt

EXTERNAL DRIVE

You've seen all the reviews on this popular and affordable second Amiga drive. "Compatible with all AmigasQuality 9 out of 10."Exceptional value for money. **Amiga Computing**

£48.99

ZAPPO Smart Stor

FREE Zapsac or Zappo T Shirt

The New Zappo Smart Stor provides games and data portability never before available to the Amiga 600 and 1200 owner. Simply slip into the PCMCIA Slot on your Amiga and you have access to 20Mb of Smart Storage. Want to run your Stored Games or Data on a friends Amiga, no problem, simply unplug the Smart Stor and you have Total Portability.
* Fully configured * Superfast Access
* 12 Months Warranty

***30 Mb £169.99**

***170 Mb £259.99**

".....for its impressive price tag and the sheer convenience of being able to plug in and go, the Smart Stor deserves to do very well indeed".
".....Smart Stor is a genuine godsend". **Amiga Format July 1994**

MICROVITEC MONITORS

This superb monitor offers a high quality 0.28 dot pitch and low radiation total MPR-II compliance. Complete with external Stereo Speakers and includes all leads - this is the monitor that we have all been waiting for.

External Speakers Included

Add a pair of our Quality Stereo Speakers to your existing Monitor. Indi Price £16.99

£295.99

SHARP MONITOR / TV

The superb Sharp 14" Monitor / TV provides a real alternative to a Commodore Monitor with full function remote control 39 channel electronic auto search tuning, digital on screen display and 1.5 watt Mono audio output. All you need to know is the low low price. The Sharp Monitor / TV is the product for you complete with scart socket and connectivity cable and including 12 months Warranty. £169.99

£169.99

SX-1

CD 32 EXPANSION MODULE

Order today and fill in our credit application form. Choose a payment period from 6 - 60 Months and you will soon be using your SX-1 for 6 months for Nothing.
At the agreed date you choose whether to start the easy payment plan* or to pay for your SX-1 in full at today's price and without any interest charges - No Strings Attached. Applicants must be over 18 years of age and in full time employment.
* APR 29.9

SX-1 EXPANSION MODULE £194.99

Expansion Options

BLACK KEYBOARD	£39.00
ZAPPO FLOPPY DRIVE	£48.99
*POWER SUPPLY	£35.99

*Indi recomend the use of an additional power supply if more than 2 expansion options are anticipated

SX-1 Super Bundle

SX-1 Ex pansion Module
Black Keyboard
Zappo Floppy Drive

£254.99 SAVE £27.99

FREE
Zappo T - Shirt or Zapsac with every Zappo Product

TEL: 0543 419 999 FAX: 418 079

Panasonic

SUMMER PRINTER DEALS

Option 1

Whilst Stocks Last

Panasonic KX - P2123

- Colour Ribbon
- Black Ribbon
- Mouse House
- Mouse Mat
- 500 sheets A4 Paper
- Wordworth Word Processing Software

£189.99

• Fast Printing Speeds	192 CPS draft, 64 CPS LQ and 32 SLQ.
• Colour Printing	7 Colour palette (blue, red, green, yellow, violet, magenta, black)
• Quiet printing	Super quiet 43.5-46 dBa sound level (most matrix printers are typically in excess of 60dBa)
• 7 Resident Fonts	Over 152,000 type styles using Super LQ,Courier Prestige, Bold PS Roman, Script and San Serif fonts.
• 24 Pin Diamond Shaped Printhead	High performance and high quality output.
• 1 year Warranty	for total peace of mind

Option 2

Whilst Stocks Last

Panasonic KX - P2123

- 2 Colour Ribbons
- 2 Black Ribbons
- Mouse House
- Mouse Mat
- 500 sheets A4 Paper

£189.99

Panasonic KX - P4400 & KX - P4401

NEW

New KXP4400 Ultra - Compact LED Page Printer ,the printer that fits virtually anywhere. Ultra small footprint (12.7cm x 38.8cm x 29.4cm ex trays) At under 6.5 kg this printre travels with you. They also feature energy efficient power save.

Page Printer standard Specification

- 4 pages per minute of laser quality output
- 100 sheet, multi purpose paper tray (A4, letter, legal and executive)
- 1 Mb Ram expandable to 5 Mb
- 1600 copies per toner.
- 1 Year On Site Warranty

WAS ~~£587~~

£449.99

Additional spec for KX - P4400
* 28 Bitmapped fonts * HP Laserjet IIP

Panasonic KX - P4401

KX - P4401 LED Page printer also available. Specification as above plus * 8 Scalable, 28 bitmapped fonts * HP Laserjet III, HP PCL 5 **£495.99**

Panasonic KX - P2023

Quiet printing	46.5 dBa standard mode. 43.5 dBa super quiet mode
Fast Printing Speeds	192 CPS draft, 64 CPS LQ
4 Resident Fonts	Courier, Prestige, Bold PS and Script
2 Paper Paths	Top and Rear
1 year Warranty	for total peace of mind

WAS ~~£217.00~~

£144.99

Recently reviewed by Amiga Format *A fine 24-pin dot matrix printer at a reasonable price.

Buy from **INDI AND SAVE OVER £72**

Panasonic KX-P4430 Laser Printing

- 8 scalable fonts. 28 bitmap fonts
- Optional 2nd input bin (total printer capacity 2X 200 sheets)
- Optional memory expansion to 5Mb (1Mb as standard)

£649.99

Panasonic 2 YEAR ON-SITE WARRANTY

SPECIFICATION
* Satinprint (optimum resolution technology)
* 5 pages per minute
* HP laserjet III emulation, PCL 5

WORDWORTH SOFTWARE COMPLETELY FREE WITH KX - P 4430

Printer Accessories

1) **Printer Dust Cover**
Specially tailored quality dust cover for the Panasonic KX-2123 printer
INDI PRICE £8.99

2) **Printer Stand**
2 Piece printer stand
INDI PRICE £9.99

3) **Paper Pack**
500 sheets of quality A4 paper
INDI PRICE £9.99

4) **Continuous Paper**
2000 sheets 1 part listing paper
INDI PRICE £19.99

5) **Parallel Printer Cable**
To be used when connecting Amiga to Panasonic printers
INDI PRICE £8.99

6) **Panasonic Colour Ribbon**
Colour ribbon for KX-P2123
INDI PRICE £12.99

7) **Panasonic Black Ribbon**
Black ribbon for KX-P2123
INDI PRICE £6.99

Panasonic KX - P1150

NEW

This quality 9-pin mono dot matrix printer represents excellent value for money.

- 9 - pin narrow carriage
- 7 Fonts
- 240CPS, 38 CPS NLQ
- 1 Year Warranty
- Paper parking

WAS ~~£163~~ **£114.99** SAVE £48

Indi Direct Mail Customer Charter

INDI DIRECT MAIL is original and very exciting. Before you buy mail order you must first be confident that you will receive the product you've ordered and that the supplier will still be there in the future, should you need them.

A mail order purchase from **INDI** is a safe and secure decision and here's why. Indi is a wholly owned subsidiary of a public company now in its eleventh year of trading and specialising in the supply of computer products.

With a group turnover approaching £30 million per annum, **INDI** have the resources and the purchasing power to offer you the best deals, deliver them next day nationwide and always be around when you need us.

YOURS FOR 6 MONTHS THEN PAY TODAYS RETAIL PRICE.
NO INTEREST CHARGES, NO DEPOSIT,
NO STRINGS ATTACHED

SUBJECT TO STATUS

INDI DIRECT MAIL recognises all Trade Marks and Copyrights All prices are correct at time of going to press. E & OE.

EXPORT NUMBERS
TEL: (44)543 419999
FAX: (44)543 418079

INDI DIRECT MAIL
1 RINGWAY INDUSTRIAL ESTATE,
EASTERN AVENUE,
LICHFIELD STAFFS. WS13 7SF

PLEASE ENCLOSE £5 FOR SECURICOR DELIVERY

Please send 1)..
2)..
3)..
Price.............................. + Delivery
I enclose cheque/ PO for £..............or charge my Access / Visa
No.......................Expiry....../....../......Signature..............................
Name......................................
Address..
....
....
Postcode..Daytime Tel..........

CU1094

TEL: 0543 419 999 FAX: 418 079

NEW!! PACK
FRONTIER ELITE II PACK

Frontier Innovations Pack

Comes complete with
- * Amiga1200 * Frontier Elite II
- * Batman Returns
- * Wordworth AGA
- * Print Manager
- * Personal Paint V4
- * Day by Day
- * Total Carnage
- * Brian the Lion
- * Zool 2

£319.99

Hard Drive Options

80 Mb Hard Drive Pack £489.99
120 Mb Hard Drive Pack £519.99
170 Mb Hard Drive Pack £579.99
12 Months At Home Warranty from ICL

BUY TODAY PAY IN 6 MONTHS

* No Deposit * No Interest Charges
* No Strings Attached * Subject to Status

Commodore 601

Trapdoor upgrade for the Amiga 600, 512K. **INDI PRICE**

2 Mb Smartcard

The original and still the only fully PCMCIA compatible memory card for the A600 and A1200. Comes with lifetime guarantee. Beware of cheap immitations.
INDI PRICE £99.99

4 Mb Smartcard

Same as above but maximum 4Mb.
INDI PRICE £155.99

BARGAIN SOFTWARE CLEARANCE

Brilliance	£95.99	Morph Plus	£95.99	Real 3D V2	£295.99
1st Press	£24.35	Frontier Elite	£14.01	Alien Breed II	£16.69
2nd Samurai	£18.45	Street Fighter	£22.49	Mickeys 123	£16.25
Wing commander	£9.37	Arcade Pool	£5.87	Cool Spot	£9.85
Mini Office	£36.81	Amos Pro	£30.67	Cannon Fodder	£17.30
Amos 3D	£21.47	Zool	£9.27	Dune I	£9.21
Award Winners (Gold Edition)	£18.74	Excellent Games	£21.87	Sim Life	£21.87
2 Hot 2 Handle	£7.94	Darkmere	£18.41	Pinball	£18.39
Innocents	£23.74	Dizzy's Crystal Kingdom	£18.45	Soccer Kid	£18.45
Total Carnage	£18.45	Lure of the Temptress	£9.20	Desert Strike	£17.89
ADI English GCSE	£21.49	ADI English 11 - 12	£16.54	ADI Maths 12-13	£15.95
ADI English 14-15	£15.95	ADI English 12 - 13	£16.54	ADI Maths GCSE	£21.49
ADI French 11-12	£15.95	ADI French 12 - 13	£19.89	ADI Maths 13-14	£16.00
ADI French GCSE 13-14	£11.95	ADI French GCSE 14-16	£11.95	Fun School (4) 5-7	£15.35
ADI Junior Counting 4-5	£12.28	ADI Junior Counting 6 -7	£12.34	Fun School (3) 5-7	£12.28
ADI French GCSE 13-14	£11.95	ADI French GCSE 14-16	£11.95	Home Accounts	£15.35

NEW LOW PRICE IDE INTERNAL HARD DRIVES

Indi can now offer top quality 2.5" Internal Hard Drives for the Amiga 600 and 1200 at unbeatable prices. All drives come complete with cable and installation software.

80Mb 2.5" Internal HD's £169.99
120Mb 2.5" Internal HD's £214.99
170Mb 2.5" Internal HD's £249.99

BARGAIN STOCK CLEARANCE

It's our bargain stock clearance which means unrepeatable bargins strictly whilst stocks last

MBX 1200z MEMORY EXPANSION BOARDS

20mhz + 20mhz FPU £68.99

M1230 ACCELERATOR BOARDS

40mhz £139.99
50mhz +50mhz FPU £299.99

AMIGA REPLACEMENT FLOPPY DRIVES

Amiga 500 / 500+
600

£34.99

ROMBO AUDIO VISUAL PRODUCTS

Megamix. Low cost, hi spec digital effects cartridge plugs into the printer port of the Amiga. Allows stereo sampling from almost any musical source. **INDI PRICE £26.99**

Take Two. Animation package is a must for computer artists and enthusiasts of all ages. As used in Rolf Harris Cartoon Club. **INDI PRICE £34.99**

Vidi Amiga 12. The ultimate low cost colour digitiser for the Amiga. "the best value full colour digitiser on the market".- Amiga Format.
INDI PRICE £69.99

Rombo Vidi Amiga 12 (RT)
Based on the best selling Vidi Amiga 12. This all new version offers real time colour capture from any video source. Full AGA chipset support as standard for all A1200/A4000.
INDI PRICE £129.99

Rombo Vidi Amiga 24 (RT) Plus FREE Power Supply
For the more serious user, this 24 - bit version will again capture from any video source with true photo realistic images! A staggering 16.8 million colours can be utilised with incredible results. Full AGA chipset support.
INDI PRICE £219.99

SPECIAL OFFER

OPAL VISION MAINBOARD

The Opal Vision Mainboard includes Opal Paint, Opal Animate, Opal Presents and Opal Hotkey.
FREE Montage 24

THE BEST SELLIING "REAL TIME" PROFESSIONAL VIDEO TITLING SOFTWARE.

For a limited period from 10 April until 30 June we will be giving away a FREE copy of Montage 24 worth 300 U.S Dollars. Montage 24 features Real Time font scaling, embossing and shadowing, colour spreads and transparency effects with an effective resolution of 1 nanosecond. Its many image processing capabilities include translucency blending, image compositing and beveled boxes. Now you can enjoy the benefits of the ultimate in high quality 24 - bit titling for OpalVision and the Amiga.

Limited Offer

£349.99

ALFASCAN - PLUS 256 GREYSCALE & ALFA COLOUR 256K COLOUR HAND SCANNER

This Superb A4 Amiga Scanner voted "Amiga Shopper Best Buy", arrives complete with Merge IT and Micrograph OCR Software. Merge IT allows the simple, quick merging of two on-screen images and Micrograph OCR turns your Amiga into an efficient text reading system.Amiga 500/500 plus /A600 /A1200 /A1500 /2000 /3000 /4000
* Minimum 1Mb memory * Minimum 2Mb memory & a Hard Disk to run OCR option.
* Kickstart, Workbench V1.2 or higher.

£129.99 Alpha Scan PlusWith OCR software

£329.99 Alpha Colour With OCR software

PACE MODEMS The No. 1 in Telecoms

The MICROLIN FX.
Everything you need in a Fax Modem.
- * Simple to set up and use
- * Universally compatible
- * 100% accurate data and image transmission

£169.99

The MICROLIN FX 32 PLUS
The high powered performer. * High Speed Group 3 14400 bps and 9600 bps fax facility transferring an A4 page in seconds. * V.42 / V.42bis error correction and data compression, a great money save when you have volumes of data to transmit.

£269.99

Complete with Gift-Ware Telecom Software suitable for all Amigas (Except A500)

Amiga CD32

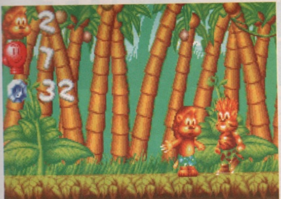
Once again Indi bring you the best deal in town with a full £70 off the fabulous SPECTACULAR CD32 Voyage Pack. Why so generous? It's simple. The more CD32 we sell the more software you will buy and at Indi Prices who could blame you.

Amiga CD32 Comes with 2 GREAT GAMES Microcosm and Chaos Engine and whilst stocks last Oscar, Diggers and Wing Commander. CD32 will play your favourite Music CD's

~~£299.99~~
Commodore List Price

£229.99

BUY NOW PAY IN 6 MONTHS INDI TEL 0543 419 999 FAX 0543 418079



BRIAN THE LION

PSYGNOSIS £29.99 OUT NOW

As easy as falling off a log? Not really.

Technically, *Brian The Lion* is the single most accomplished platform game ever released on the Amiga. Reflections, the development team behind it and other games such as *Shadow Of The Beast*, had spent a long time looking at the Super Nintendo, and the various hardware tricks that it can do (Mode 7 3D scrolling, sprite scaling and rotation etc) and then figuring out how they were done. The interesting thing is that when they finally came up with ways of doing full screen zooms and rotation, they discovered that the Amiga actually did all of these things far better than the SNES! The obvious thing to do with all of these newly discovered routines was to build a platform game, which is exactly what they did!

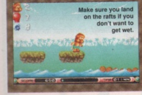
Brian The Lion is essentially the same layout as any average platform title. You have a large empty map, which gradually unfolds as you work through the game. One each level the aim is more or less the same – you start at one side of the map and have to work your way to the other side. Occasionally you will have a small task to perform, such as freeing a bucket from the bottom of a well, or rescuing a bunch of villagers from cages, and even more occasionally you'll have to go up against an end of level bad guy, who is usually huge and incredibly hard.

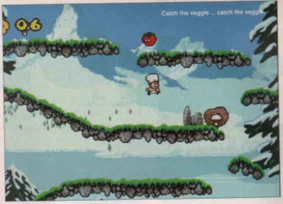
As I've said, technically *Brian* is superb on Amiga, and that side of things has been improved even more on the CD32. It goes without saying that it's a very playable platform game, but that isn't what will attract players and keep them busy. What will is Brian himself. There is just so much character in the little guy that you end up running him into all sorts of predicaments just to see how he'll react. He really does seem to have an expression and an action for every move, although the best has to be the Raj Roar, where he takes a deep breath and lets out an enormous bellow, then shakes his head because he scares himself!

Although I've said that *Brian The Lion* is technically one of the best platform games on the CD32, it's still by no means the best. Actually controlling the main sprite can be a bit fiddly at times, which makes the bonus levels especially frustrating. Otherwise though it's quite competent. *James Pond 3* it ain't but If you love your platform games to have flair, then *Brian The Lion* could be the one for you!

Tony Dillon

81%


Make sure you land on the rafts if you don't want to get wet.


Catch the veggie ... catch the vegg

OUT TO LUNCH

MINDSCAPE £29.99 OUT NOW

It's a hard life being a world class chef. 'French' hero Pierre Le Chef probably has the hardest time of all, coming from a land where more often than not the vegetables have fled their patches and run amok, leaving poor Pierre with nothing more than his bare hands and an empty kitchen with which to prepare his world famous Garlic Surprise (the surprise is, it's only garlic!). So what does he do? He heads out into the wild with a net and a bag of flour, and sets about collecting some of these wild fruit and veggie edibles.

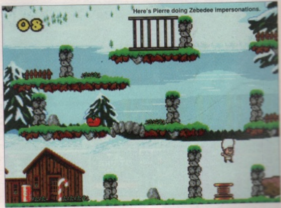
SWITZERLAND
PLAYER 1 LEVEL 2

In this port from the Super Nintendo, Mindscape have created an extremely simple and addictive platform game, in the same way that *Bombjack* was simple and addictive. You are the small chef with the net who has to swipe all the food running up and down between the levels. Of course the food doesn't actually want to be caught and cooked, and will make a run for it the moment they see Pierre, so he needs to use anything else he can get his hands on to stun them from a distance, such as a bottle of tabasco sauce with which he can breathe fire, or bags of flour which he can throw over them. Once he has enough veg in his net, he can drop them in the large cage at the bottom of the screen, ready to be cooked.

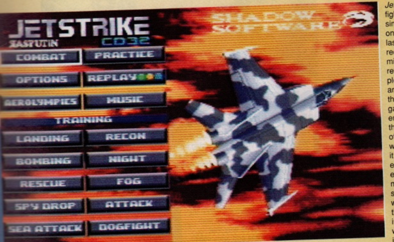
Out To Lunch is an incredibly basic platform game, with very little in the way of new or innovative features, but that's probably why the game works so well. There are few enhancements from the A1200 version, with the exception of multiple fire button compatibility, but then the A1200 version was strong enough in it's own right. A highly playable, if somewhat unspectacular game, you'll definitely have some fun with it though.

Tony Dillon

83%


Here's Pierre doing Zebedee impersonations.

JETSTRIKE



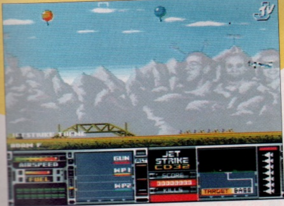
The menu screen shows you just how much variety there is in the game, offering the chance to train in a dozen different areas before throwing you into battle situations.

Shadow Software's blast from the past has just appeared on CD32, thanks to Rasputin. "Hmm", says Tony Dillon.

Imagine a game that lets you fly almost every combat and stunt aircraft ever devised. A game that can place you in almost any battle situation. A game where you need almost no knowledge of flight itself, and can concentrate on pure arcade action. A game with such simple controls that you can become addicted immediately, and never want to put it down again.

A TIP OF THE HAT

Such a game is exactly what Shadow Software must have been hoping to produce when they began work on *Jetstrike* – the multi-fighter aircraft simulator. Released on floppy machines last year, the game received a real mixed bag of reviews. Some people really loved it, and found its tip of the hat to older games quite enchanting. Others thought it was a load of old pap and wouldn't recommend it to their worst enemy. To be honest I sat on the middle of the fence, seeing nothing really wrong with it, but at the same time finding little about it worth recommending. It still sold incredibly well though, and the constant flow of updates to the program shows that there is a very active group of users out there.



As you can see, the graphics are less than impressive, and unfortunately they don't get any better when the thing starts moving ...

The main menu at the start of the game is a good indication of what you can expect from the product, and there are a hell of a lot of choices, from practicing the various aspects of the game (combat, bombing, photo recon runs, dogfighting etc) to playing out full campaigns.

If you haven't seen *Jetstrike* before, then you won't be familiar with how it works. Essentially it's a side on scrolling shoot 'em up, but with unusual controls. Instead of moving the plane around as you would expect to with an eight way controller (up moving the plane up, down to go down and so on), the control is actually rotational, with up on the joypad rotating the plane clockwise, and down rotating anti-clockwise. It takes a little getting used to, but it's a control method that works fine, apart from the fact that when flying to the right, pushing up makes the plane dive (as it would in real life), whereas pushing up when you are flying left makes the plane climb.

SHUDDERING

It has to be said that the game looks fairly awful. Small, indistinct sprites roam around a hundred and one identical landscapes with a jerkiness that's inexcusable. The whole thing just judders and shakes all over the place, which quite destroys first impressions. Unfortunately, it's an impression that stays with you as you continue to play the game.

The real problem with *Jetstrike* is that its look and feel is very dated. The small sprites, with the poor scrolling and limited gameplay appeal make it a little archaic.

Although there have been improvements for the CD32 version – extra sound and music – there is really nothing about it that I can honestly recommend.

I remember when games like this were all the rage. *Harrier Attack* and *Tornado Low Level* are two of my most favourite games. There was something about them that was just so exciting. Flying a high speed jet skillfully through an intense battle situation was quite an unusual thing in those days, and even though the graphics were simple and the gameplay simpler, they quickly became classics. That was, however, in 1986, and things have come a long way since then. Graphics have become a lot more sophisticated. Single frame, quarter pixel scrolling has become the normal thing to see, along with rendered aircraft and 256 colour images.

Jetstrike from Rasputin, sadly, is a game that belongs in a museum. CU

RASPUTIN £25.99

CD32 ONLY

RASPUTIN SOFTWARE, 38-40 HIGH STREET, GREEN STREET GREEN, ORPINGTON, KENT BR6 6BJ.
TEL: 0438 840004

RELEASE DATE: OUT NOW
GENRE: SHOOT 'EM UP
TEAM: SHADOW SOFTWARE
CONTROLS: JOYPAD
NUMBER OF PLAYERS: 1

GRAPHICS	61%
SOUND	68%
LASTABILITY	71%
PLAYABILITY	57%

> *Dated, poor and looks terrible. Leave it well alone.*

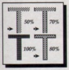
OVERALL 59%

THE DREAM IS A LASER PRINTER ON EVERY DESK. THE REALITY IS £399

So why share a Laser Printer when everyone can afford the revolutionary Star WinType 4000. It's the first true Windows* Laser Printer from Star. And it blows the rest away: in price & performance, in lower operating costs, in fast first page print, and with a compact footprint that's virtually A4.

It's also so easy to use. Apart from the on/off button, all printer functions are controlled from the screen in Windows – including a DOS icon to print from DOS applications. Unique Star developments in Microfine Toner and Edge Enhancement Technology give 600 dpi quality. And the Toner Save facility can double the life of the toner cartridge.

All printer controls appear in the Windows menu.



Toner Save mode gives choice of 4 print densities

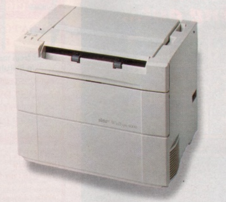
600
DPI CLASS

Unique Star technology gives 600 dpi Class output.

Environmentally friendly features include Power Save Mode, recyclable packaging, and ***no*** *CFCs.*

No you're not dreaming. The 4ppm WinType 4000 gives all that, plus benefits like 35 extra TrueType fonts for only £399†. For more information return the completed coupon, or phone the Personal Laser Line on:

☎ 0494 471111



Star Micronics U.K. Ltd., Star House, Peregrine Business Park, High Wycombe, Bucks HP13 7DL. Fax: 0494 473333.

A division of Star Micronics Co. Ltd., Japan.
*Minimum system requirements apply – Windows 3.1 in Enhanced mode necessary.

NAME: POSITION:

COMPANY:

ADDRESS:

POSTCODE:

TEL: FAX:

†RRP excluding VAT. Windows is a trademark of Microsoft Corporation.

star MICRONICS

LASER PRINTERS

AMIGA / AGA / CD32

Once there were sims, but now there's...

JETSTRIKE

Amiga - available now.
CD32 - June 1994.
Amiga AGA - July 1994.

About £20 each

Jetstrike is *the* flight game for your computer - with over 130 levels and a choice of 40 planes and weapons systems (more in the CD versions)... all this and a two-player option makes this a game that will keep you flying for months.

Take to the skies and defeat the forces of SPUDD!

Amiga Computing - 90% / GAMER GOLD,
The One Amiga - 84%, Amiga World - Grade "A".

CLOCKWISER....

time is running out...

LEVEL 49-THE CHAMBERS OF FRUSTRATION

Amiga and Amiga AGA - available May 1994 (£19.95).
CD32 - June 1994 (£24.95).

Clockwiser is an infuriating, addictive, un-put-down-able puzzler with over 100 levels of mind-bending fun. It comes complete with a puzzle editor - it's a package which really lets you get your own back!

Move 'em around, beam 'em up, blow 'em up (carefully does it!), cope with self-generating diamonds and much more...

ЯASPUTIN

Rasputin Software, 38/40 High Street, Green Street Green,
Orpington, Kent BR6 6BJ. Phone: 0689 - 850770

CHOICE
Software

Access MasterCard

**SONY 3.5 " BULK DISKS
(INC. LABELS)**

PACK OF 10 .... £3.99
PACK OF 25 .... £8.50
PACK OF 50 .... £16.00

HIGH DENSITY DISK 3.5" (1.44MB)

PACK OF 10 .... £6.50
PACK OF 25 .... £14.99
PACK OF 50 .... £28.00

ALL DISKS 100% CERTIFIED

**2.3" HARD DRIVES FOR
A600/A1200 (INC. CABLES)**

64MB	£149.99	127MB	£209.99
85MB	£189.99	209MB	£279.99

3.5" DRIVES ALSO AVAILABLE
ALL DRIVES ARE FORMATTED AND INSTALLED WITH WB

**CHOICE SOFTWARE PUBLIC DOMAIN
OVER 3500 DISKS AVAILABLE AT
ONLY 99p PER DISK**

Opening Hours MON to FRI 9.30am - 6.00pm SAT 9.00am -5.30pm

**144 LONDON ROAD, HIGHFIELDS,
SHEFFIELD, S2 4LT
TEL: (0742) 555894**

BAK DISTRIBUTION
Telephone or Fax 0246 290860

**AMIGA POWER SUPPLY
£27.50**

Direct from manufacturer, built to British Standards

3.5" DS/DD disks
10 for £4.00
50 for £19.50
100 for £35.00

OTHER ACCESSORIES

Dust Covers	£2.99
Mouse/JS Port Extension (6")	£2.99
Joystick Extension Lead	£2.99
Single Phono to Phono Lead	£1.99
Modulator/Disk Drive Ext'n	£9.99
Parallel Printer Cable	£6.99
Mouse Mat	£2.99
3.5" Disk Drive Cleaner	£1.99
Furry Mouse Cover	£1.99
Disk box	£0.99

Adding more every month !

Send 25p stamp, stating which computer, for FREE catalogue disk of software and accessories

PUBLIC DOMAIN / SHAREWARE
90p per disk or less
Too many titles to list !
Over 2,000 and growing monthly

STOCK CLEARANCE

Innocent Until Caught	£14.00
Total Carnage	£12.00
Second Samurai	£11.00
Dangerous Streets	£10.00
Dennis	£9.00
Zool 2	£8.00
Seek and Destroy	£7.00
Donk	£6.00
Overkill	£5.00
Blob	£4.00
Fire and Brimstone	£3.00
Final Countdown	£2.00

Nearly 200 titles while stocks last

Send cheque / postal order to:
BAK Distribution,
120 Sheffield Road,
Dronfield, Sheffield
S18 6GG
Post/Packing 50p minimum or 10% of order value

LOCATION:
EDEN'S GARAGE
Walk to Car
Amstrad

WIN A DREAM LIFESTYLE!

That marvellous adult adventure *Dreamweb* is almost finished, and to celebrate Empire Software and Creative Reality are about to offer you the home entertainment package of, if not actually a lifetime, a very long period indeed. You, yes YOU, the lucky person holding this magazine, could actually win a full home entertainment system and be the envy of your friends!

How about this for a prize? The fortunate sender of the one entry we draw from the slightly unpleasant sack that's been growing roots in the corner of our office will win a new 14" colour TV, a state of the art User Friendly Amstrad video recorder and a full satellite TV decoder system, completely with unobtrusive black mesh 60cm dish!

The 14" colour portable offers one of the sharpest pictures around, and the supplied remote control means you can watch it from any particularly comfortable position you can find. What's more, if you don't want to get up to turn it off, it's got a built in sleep timer to turn itself off at a particular time!

But what are you going to watch on it? A favourite video perhaps? We thought so, which is why we're throwing in an Amstrad UF30 video recorder. This twin speed VCR (standard play and long play, for getting twice the time from your cassettes) is just packed with features, including VideoPlus+ video programming, blank tape search and automatic head cleaning, so you get the sharpest pictures imaginable.

They do say that there's a lot of sex and violence on satellite TV, and *Dreamweb* itself is a game that tackles sex and violence, now you'll have a chance to make the comparison between the two with this complete satellite TV package that accompanies the TV and video. The SRD550 features twin disk inputs, so you can receive from two satellites at the same time, and a built in Videocrypt decoder slot, which you'll need if you want to subscribe to the Sky TV package.

To win this magnificent prize, just answer the following questions.

1 What is the name of the main character in *Dreamweb*?
a) Ryan
b) Gavin
c) Bobby

2 How many people make up Creative Reality?
a) 2
b) 5
c) 47

3 How many people do you have to kill in *Dreamweb*?
a) 4
b) 7
c) 1,657, 394

When you have your answers ready, drop them on a postcard along with your name and address and send the lot to: Couch Potato Here I Come, CU AMIGA, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

RULES AND REGULATIONS

1. **No employees of Empire Software, Creative Reality or EMAP Images are eligible, so keep your hands off the video Andy.**
2. **The Editor's decision is final, and no correspondence will be entered into, unless you fancy a-play-by-mail game of chess.**
3. **Closing date for all entries is 20th November 1994.**
4. **Entries will only be accepted on postcards not bin liners.**
5. **Unusual pictures of *Pinkie* will be framed and hung on the wall.**
6. **For the last time, leave that video alone Andy!**

SCREEN SCENE

Goodness, do we have some games lined up for you lot this month. They're so hot they're flaming. So you better not touch. Just give yourself an optical feast with this little lot.

52 ZONKED
52 CYBERGAMES
53 MEGARACE
54 JUNGLE STRIKE
PGA EUROPEAN TOUR
MIGHTY MAX
MUTANT LEAGUE HOCKEY
SKITCHIN
SHAQ FU
58 BUBBLEGUN
64 REUNION
67 TOP GEAR
70 RUFF 'N' TUMBLE
73 GRAHAM GOOCH'S CRICKET
74 WORLD CUP USA
GULP
77 ARMOUR GEDDON 2
80 VFM
COMBAT AIR PATROL
WALKER
WIZ 'N' LIZ
GLOBDULE
PRIME MOVER
80 WIN A MONTH'S FUN
83 VALHALLA SOLUTION PART TWO
85 VAMPYRA
86 HELPLINE

A CU Screen Star is for games scoring 85%-92%. If a game gets one of these, it'll be of lasting quality and you can rest assured that, if you decide to purchase it, you won't be wasting your money.

AMIGA SCREEN STAR

SUPER STAR

93% and a game's worth a Superstar. We hardly throw them around, but if a game gets one it'll be completely outstanding.

FIRST IMPR

A blink. A flash of light. In a fraction of a moment you have taken in everything around you and made your decision. Your opinion has been formed, and it'll take something really special to change that. I bet you never realised that first impressions could be so exciting.

ZONKED

Psygnosis

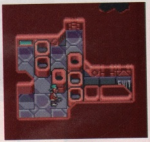
THE GAMEPLAY: *Zonked* is a very simple puzzle game, presented in a totally non-puzzle way. You play a little guy trapped in a building, who has to escape by building a bridge to the exit of each room. To do this, all he needs to do is push blocks around the forced perspective 3D room until they drop into the holes around the exit tiles.

There are obstacles all over the place, of course, such as fixed pillars, immovable blocks and other holes which impede your progress, along with all other items to slow you down, of course.

BEHIND THE SCENES: *Zonked* has been designed, drawn, coded and completed by the mysterious team known as Flatline.

WHAT'S NEW: The variety of blocks in the game is something a little special. Everything has its own weight and characteristics, which you have to use to your best advantage. Things might be stuck on glue, or incredibly heavy or even made of ice. To make life easier, there are various things dotted around to help you shift blocks, such as tractor beams and teleporters.

FIRST IMPRESSIONS: It looks like it's going to be a lot of fun. The only game I can think of that was anything like this is the old Hewson game *Anarchy*, which was incredibly addictive at the best of times, and it looks like this could be just as exciting. We'll have a full review next issue so, as Shaw Taylor would say: "keep 'em peeled."



········

CYBERGAMES

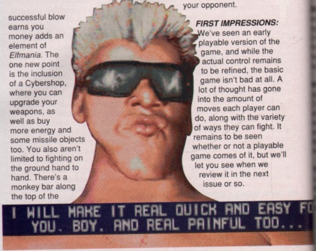
Cyberpunk Developments

THE GAMEPLAY: It's a beat 'em up, but is being touted as the best and most violent Amiga beat 'em up ever. Taking a lead from popular games like *Streetfighter 2, Mortal Kombat* and even the classic C64 title *Barbarian*, and mixing them all together, this could well be the game to knock the console market down to size.

BEHIND THE SCENES: This is the first title from new Swedish team Cyberpunk Developments, a two man team made up of Björn Fogelberg and Johan Lundin, based in the wilds of Angelholm. They haven't worked on anything else before, so there's nothing really at all to report.

WHAT'S NEW: The mixture of kicking and punching with swordplay make the game far more like the Palace game *Barbarian* than anything else, but the fact that every successful blow earns you money adds an element of *Elfmania*. The one new point is the inclusion of a Cybershop, where you can upgrade your weapons, as well as buy more energy and some missile objects too. You also aren't limited to fighting on the ground hand to hand. There's a monkey bar along the top of the screen you can climb across, as well as being able to summon mystery weapons, which stick out of the floor and walls and seriously damage your opponent.

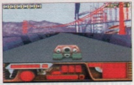
FIRST IMPRESSIONS: We've seen an early playable version of the game, and while the actual control remains to be refined, the basic game isn't bad at all. A lot of thought has gone into the amount of moves each player can do, along with the variety of ways they can fight. It remains to be seen whether or not a playable game comes of it, but we'll let you see when we review it in the next issue or so.


I WILL MAKE IT REAL QUICK AND EASY FO
YOU, BOY. AND REAL PAINFUL TOO...

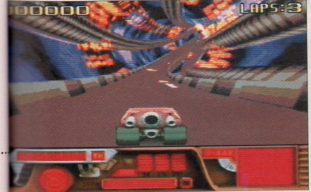
ESSIONS

MEGARACE

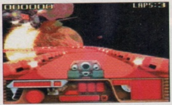
ndscape



HE GAMEPLAY: A simple racing game ross a variety of landscapes in and around e major city. Like *The Running Man*, the egarace is one of the most popular TV shows the time, and contestants have to go against ne of the hardest street gangs ever seen in a e or death chase, which will be watched by lions of people. You've got a choice of eight ferent vehicles to race in through the 16 acks in what's promising to be 'the best rtual Racing show ever!'

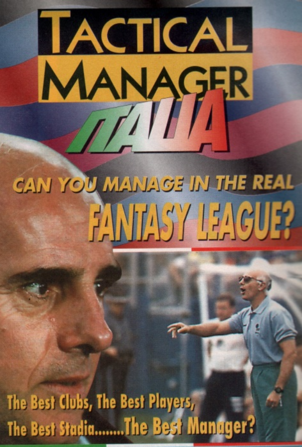


EHIND THE SCENES: *Megarace* has been coded, drawn and designed by Cryo, the st French team who are also working on *Lost Eden* for Virgin Interactive ntertainment. If Psygnosis need a allenger to the 3D rendering crown, en these are the people to watch t for.



HAT'S NEW: The visuals are absoely unbelievable. Like the 3DO title *sh And Burn*, all off the backunds, including the track, are -rendered and spooled off the CD as you race. Only your sprite and the other cars e generated by the computer, which makes for an incredibly realistic looking game. st of all, however, has to be the intro sequence, where Lance Boyle, the host of the ow, introduces the programme with you as the star!

RST IMPRESSIONS: Stunning. We've seen a single car race around all of the cks, and it has to be said that the whole thing looks incredibly realistic. Like *rocosm*, and the ill fated *Novastorm*, it has that 'must have' feel to it. If you are er a game that gives you a reason to buy a CD32, then this could well be it. Look a full review next issue.


TACTICAL MANAGER
ITALIA
CAN YOU MANAGE IN THE REAL
FANTASY LEAGUE?
The Best Clubs, The Best Players,
The Best Stadia........The Best Manager?

Tactical Manager Italia is the follow-up adaptation to the Number 1 Hit Tactical Manager - the most realistic and detailed football management simulation around, complete with 94/95 season statistics. Played in real-time ball by ball you can interrupt the game and adapt your strategy to change the outcome.

Manage Milan, Inter, Parma, Juventus, Sampdoria, Torino, Roma, Lazio, Napoli, Fiorentina and Genoa plus all the other teams in Serie A and Serie B.

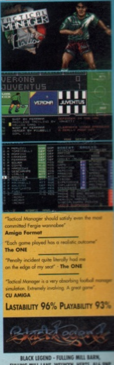
Buy and sell the world's greatest players - Baggio, Bergamp, Gascoigne, Platt, Fonseca, Batistuta, Raduciolu, Zola, Gullit, Maldini, Costacurta & Sauzee. You have full access to the European transfer market selecting from 3540 players with 35840 real parameters. Negotiate with teams and players about transfers, wages, bonuses and extras such as cars and houses. Deal with each player's own personality and their positive and negative traits.

Play in all the great stadia - Guiseppe Meaza, San Paolo, Olimpico, Luigi Ferraris, & Delle Alpi. Select from 64 (8 x 8) different and adjustable tactical approaches from man to man marking, playing a flat back four or a sweeper to doing a Jurgen in the box. Motivate your team using substitutes and placing troublesome players on the transfer list.

Compete in friendlies, League, Italian Cup, ECWC, UEFA and the European Champions League. Utilise up to 38 players simultaneously within the unique multi-user system. You can view or print out 13 different charts ranging from the standard league table to the most consistent player charts.

Juggle with your Lira, bring in your Stranieri, and become the Supremo Allenatore.

AVAILABLE FOR ALL 1MB AMIGAS NOW
AT 25.99



"Tactical Manager should satisfy even the most committed Fergie wannabee"
Amiga Format

"Each game played has a realistic outcome"
The ONE

"Penalty incident quite literally had me on the edge of my seat" - **The ONE**

"Tactical Manager is a very absorbing football manager simulation. Extremely involving. A great game"
CU AMIGA

LASTABILITY 96% PLAYABILITY 93%

BLACK LEGEND - FULLING MILL BARN,
FULLING MILL LANE, WELWYN, HERTS. AL6 9NP
TEL: 0438 840003

OCEAN UNLEASHED

With eight full price Amiga games planned for release by Christmas of this year Ocean Software are taking their role as the UK's largest publisher seriously. Alan Dykes examines the evidence.

They call it the 'fourth quarter' in the software business; we call it the Christmas build up. The time of year when les grands fromages of the industry roll out their big guns to do battle for your cash at the one time of year they are sure you actually have it. And looking at these games it seems as though Ocean are going to pocket a fair chunk of those readies.

Despite rumours of a 'bad year' for Amiga games, and Commodore's recent predicament, we haven't really seen a dire shortage of software this summer. There certainly seems to be enough in development for Christmas too, even if it's not as much as previous years. Adding to all this good news Ocean have announced a development and publishing deal with Electronic Arts which has more than doubled the amount of products on their Christmas release schedule – a deal which included *Jungle Strike, PGA Tour Golf, Mutant League Hockey* and *Shaq Fu*. Throw DIDs *TFX* into this cauldron along with the Rollerblading conversion *Skitchin* and an original Ocean platformer *Mighty Max* and you've got the ingredients for success.

SHAQ FU

INFO
Price: £25.99 (Amiga)
£27.99 (CD32)
Release Date: December

Would you involve Chris Eubank in a Tennis game? Hmm. This was my first question when I realised that the Shaq of the title is in fact none other than Shaquille O'Neill, of Orlando basketball fame. How was I, an un-streetwise London lad, to know that he is also famous as a martial artist – and rapper too apparently? Good for him. And good for us too because it means that yet another beat 'em up is winging its way towards our machines this Christmas.

I really shouldn't need to describe the basics of the game to to you, but for posterity's sake I will: It's for one or two players. No surprises here. You can choose one of eight fighters including Shaq. Nope, none here either. Each character has individually tuned special moves and there are lots of nice locations to fight in, all around the world. Nothing strange here either. Oh, and there is a tournament mode or simple one on one fighting. There we go, *Shaq Fu*. Different eh?

For all Amigas and CD32, *Shaq Fu* is still in very early stages of development, but then it's only barely ready on other formats, via EA, at this stage. Ocean are working full steam ahead with the licence and are determined to get it out by Christmas. On name alone it promises to be a big one, and with no sign yet of *Mortal Kombat II* for the Amiga, starved beat 'em up fans will no doubt lap it up.

MUTANT LEAGUE HOCKEY

INFO
Price: £25.99 (A500/A600)
£27.99 (A1200)
Release date: October

Have you ever watched ice hockey on TV? Pretty violent eh? Well this is nothing like it – it's even worse. Of course it doesn't matter if these poor creatures get mangled up, after all they're just mutants, right?

Mutant League, for those who haven't seen it on other formats, is rather like *Brutal Sports Football*, except better. In fact it's a pretty good ice hockey simulation, full stop. It contains 23 teams which consist of athletically gifted but deranged lunatics and in play, against either the computer or a friend, you can pick up all manner of dangerous objects to throw at the opposing team. In time honoured ice hockey fashion it's not just a matter of playing the puck, Mutant League also involves fisticuffs and several other violent cuffs too. And just to make sure you don't miss out on anything there is an action replay facility, allowing you to see that last goal or maiming incident.

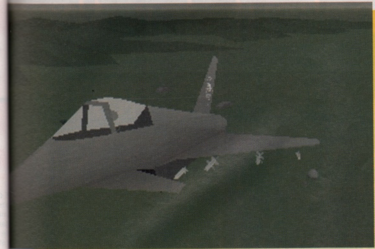
EA have a superb reputation for their sports sims and hopefully this will come across in the conversion process. *Mutant League* is an ideal two-player game and the A1200 version should be fast enough to prove to the console buffs that the Amiga is still a force to be reckoned with. More news soon.

PGA EUROPEAN TOUR

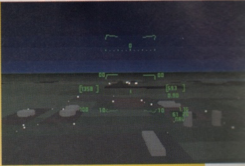
INFO
Price: £25.99 (A500/600)
£27.99 (A1200 & CD32)
Release Date: October

Tweet, tweet. Silence. Ah yes, that's what I love about golf, the peace and quiet of it all, the sense of well being and control, of one-ness with your surroundings. *PGA Tour* has always offered me this sort of escape, but usually in America. Now thanks to Ocean and EA I can enjoy 19 holes in my own back yard, well, so to speak – ie Europe. The courses available include ones in England (Wentworth), France (NGC Paris) and and Spain (Valderrama) and they have the weather conditions to match the sort of climate each country has. As usual there are pro contenders to slog it out with and a variety of challenges, including sudden death and match play.

Once again an enhanced graphics AGA version will be available for not much more cash (certainly not much more when you compare the price to other formats) and all versions will have updated sound effects to add a sense of reality.



Just one of the advanced fighters you are destined to fly in *TFX*, if you're lucky enough to own an A1200 (and a fast one at that).



Starry, starry night, *TFX* is in full flight. The detail is incredible – let's hope they can make the animation run smoothly.

TFX

INFO

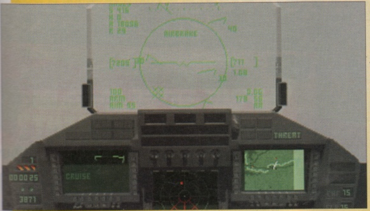
Price: 39.99 (A1200 only)
Release date: November '94

The one that almost got away. Potentially Ocean's biggest fish of the year, and the longest awaited. They've been promising this for the best part of twelve months now and a final release date, late November (that's 1994 folks), has finally been confirmed. For those not alive last year when the PC version swept the charts, *TFX* is the flight sim to end all flight sims. The title stands for Tactical Fighter eXperiment and the game gives you the opportunity to fly, in combat missions over what are still topical regions of the globe, one of three fighter-bombers. Only one of these, the F117A, better known as the Stealth Bomber, is actually in production at the moment, both of the others, the Eurofighter 2000 and Locheed F22 do actually exist in prototype form, as aircraft of the future.

It's a similar sort of scenario to *Wing Commander* only much, much better in terms of both graphics (AGA only graphics), control and realism. Because of the AGA graphics and the need for speed *TFX* will only be available for the A1200, which should also avoid *Wing Commander*'s deathly slow pace.

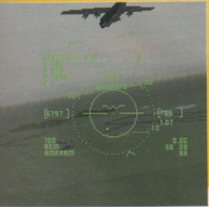
There promises to be over 5 million square kilometres of bitmapped landscapes, with 120 pre-set missions, in five war zones: Somalia, Colombia, Yugoslavia, Libya and, er, the South Atlantic(?). *TFX* promises to offer something for all types of player with options to play an 'arcade' style game where you don't have to worry too much about the planes themselves, just enjoy some (hopefully) fast paced action, or a 'full military simulation' ie, a more traditional flight sim where a working knowledge of the real dynamics of aircraft flight is necessary.

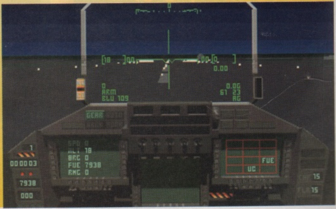
We hope to have either a review or a more in-depth preview of *TFX* next month but if it ends up anything like the PC version, *TFX* will be the most significant Amiga game of the year. It's also likely to be the most speed and memory hungry – and most expensive.



Control will be as difficult as you want it to be, with options for full flight simulation mode or 'easy' arcade mode.

Below: Flying at night.
Below left: Is that a transport plane I see before me? A Locheed Galaxy by any chance?





»

On the lookout for the very best in home entertainment, but would like someone to give it a thorough going over?

WHAT HOME ENTERTAINMENT?
APPROVED
LAB TESTED

Then you need this!

First issue on sale Sept 20th with FREE 'Essential Guide To Home Cinema'

'You'll find WHAT HOME ENTERTAINMENT? in all good newsagents next to the Hi-Fi Magazines.' ONLY £2.25

MIGHTY MINIS – Play films and CDs!

WHAT HOME ENTERTAINMENT?

TELLS YOU THE BEST TV, HI-FI AND VIDEO TO BU

WIN
HARMAN/J
PRIZES WORTH
£5,000

CD-i: IT'S 4 PLAYERS IN

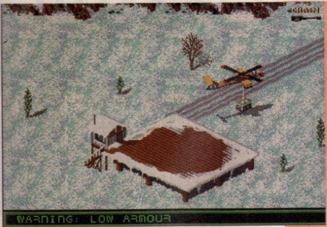
PLUS: Home cinema speakers to blast the neighbo

STRIKE A GREAT DEAL: With our sales jargon buster

BUYER'S GUIDE

OVER 2000 ITEMS LISTED: AMPLIFIERS TAPE DECKS TVs SURROUND SOUND DECODERS DIGITAL RECORDERS VIDEO RECORDERS LASERDISC PLAYERS CD PLAYERS AV AMPS RECEIVERS SPEAKERS SYSTEMS AND MORE....

Games playing, movie watching, music listening, photo viewing...CD-i has it all.
SONY



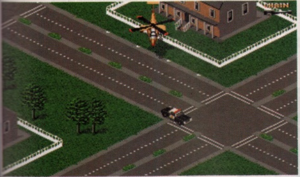
JUNGLE STRIKE

INFO

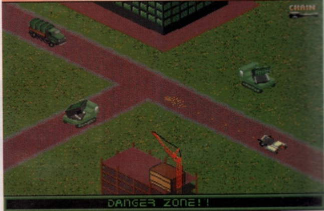
Price:£25.99 (A500/600)
£27.99 (A1200 & CD32)
Release date: October

Tyrants of the world beware! Electronic Arts invented a new genre with *Desert Strike*, and have followed up the original, on Mega Drive, with *Jungle Strike* and now *Urban Strike*. OK, so we're still behind them but, well, who cares? It's coming. *Jungle Strike* is simple: Destroy some more baddies. Lots more in fact. The son of the evil dictator you should have eventually killed in *Desert Strike* is back in action in the jungles of South America, and seeking to revenge the death of his father at the hands of the imperialist American scum.

Needless to say you play the imperialist American scum, piloting an imperialist American scum Commanche attack helicopter, packed with imperialist American scum air to ground missiles and cannon. You've also got the choice of three other modes of transport including Stealth Fighter and hovercraft. The action takes place at night, during the day, in mountains, over the jungle and over the sea. There are nine campaigns, each of which has a minimum of six levels. Due out for all formats in late October it will feature AGA enhanced graphics on the A1200 and CD32. The control method promises to be the same as the previous version and the animation as smooth. Unfortunately I haven't been able to play the Amiga version at first hand yet, but from what I can see so far it's at least as good as the Mega Drive version.

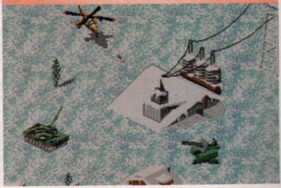


There is a wide variety of scenery spread out over the nine campaigns in *Jungle Strike*. With up to eight missions in each campaign that's a lot of terrain to cover before you beat the bad guys.



No! Danger Zone? What ever gave my Amiga that idea? There are only two SAM rocket launchers in the immediate vicinity. Only two. Aggh!

Excuse me, but this doesn't look much like a jungle, does it? Those wily fly boys have obviously tried to slip off to Mont Blanc on a skiing holiday and run into trouble on the way.



MIGHTY MAX

INFO

Price: £27.99 (A1200 only)
Release date: October '94

Not much is being released about *Mighty Max* at the moment, even though the planned release date is only just over a month away, but it is apparently a platform arcader with a cute, branded character based on a top-selling American toy. A one or two player game with simultaneous on-screen control and action and a choice of three characters, *Mighty Max* will be A1200 only because 'it's not possible to pack the graphics and gameplay into an A500' according to an Ocean source.

SKITCHIN

INFO

Price: £25.99 (A500/600)
£27.99 (A1200)
Release date: November '94

Skitchin is an arcade roller blading game that involves winning races against ruthless opponents on the wild streets of urban America. Anything goes in the quest for success, including tagging lifts from cars, performing stunts and knobbling your opponents with various street weapons, collectable on the route. At the end of a race, if you're in the money, you can upgrade your kit.

Another console conversion, *Skitchin* looks like a rather unusual combination of fighting and racing and although I personally didn't like it very much on the other formats I'll reserve judgement until I see the final version of this one.

BUBBLEGUN

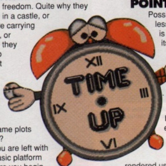
It's got a cute name, it's a cute main character, it's got some cute animations ... and we've got an ugly games editor to review it.

There is a trend in the Amiga platform market that is more evident now than ever before – cuteness. *Bubble N' Squeak, Ruff 'N' Tumble, Brian The Lion, Kid Chaos* and now *Bubblegun*. In the good/bad old days, the emphasis was on fantasy art, with games like *Shadow Of The Beast* and *Barbarian*, and now that the Amiga market has grown up we are bombarded with small characters with wild haircuts and garish outfits, firing oversized weaponry at oversized enemy sprites that, let's face it, don't look like they could hurt a fly. The only saving grace with these obviously console inspired games is that they've been damn good. With the possible exception of *Bubblegun*, that is.

The crossed eyes say it all. This is one crocodile who has no idea what is going on.

TRAPPED

The story behind *Bubblegun* is a simple one. You are a small crocodile with a gun that can fire bubbles (hence the inspired name) who is trapped in a castle and has to find their way to freedom. Quite why they are trapped in a castle, or why they are carrying a large gun, or indeed why they are trying to escape isn't made clear at any point, but then who really takes any notice of game plots these days?



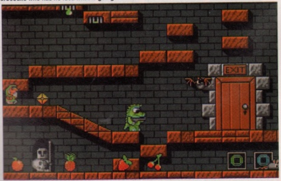
What you are left with is a very basic platform game, where you begin somewhere in the middle of a four-way scrolling maze. Dotted around the maze are a variety of objects, such as points bonuses, energy bonuses and time bonuses, but the most important things to look out for are sections of keys. You can carry three items at once, and there are three sections to each coloured key, so it isn't too much trouble to build up a complete key. Once you have the key built, all you need to do is find the chest with a coloured lock that matches it. Open the lock and fruit and gems fall out. If you're really lucky, a block with 'Exit' written on it will appear. This is the key that opens the level exit, and is the one thing you are looking for.

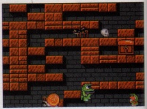
POINTLESS

Possibly the most pointless thing in the game is the *Bubblegun* itself. When you start the game, you have the gun and three pellets for it, and more pellets can be collected around each level. Once you've fired all three of your pellets, the gun is rendered useless, and you have no other means of attack, so you have to be very sparing in your firing of the weapon. The problem is that the bubbles that you fire travel almost no distance at all, so you have to be quite close to the thing you're firing at. Also, you have no way of telling which creatures are affected by the bubbles and which are not, so you don't actually know when you're firing whether or not you are going to waste a pellet. Mind you, if the shot actually connects, and the enemy you connect with is one that can be caught, the creature is encased in bubblegum, and you can jump on them to burst them (yuck!) and collect the bonus objects that they leave behind.

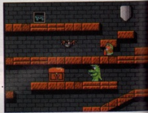
The controls are a little too fiddly for my liking. The character slides along rather than have any real contact with the ground, and while it's nice to have a smooth animation of the character turning to face the other direction when you move the joystick, it does take time to perform the animation which slows down the responsiveness of the game.

Bubblegun is a weak title, that lacks the class and polish of any of the recent platform games. I have to say avoid this one, simply because it just isn't worth the money. CU





With a spring in his step, Croc finds out that he's, once again, run out of bubbles.



The block at the top is a key segment, and at the bottom is a chest that needs a key.

DAZE £24.99

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

DAZE MARKETING, 9A CANFIELD PLACE, LONDON NW6.
TEL: 071 372 7435

RELEASE DATE:	OUT NOW
GENRE:	PLATFORM
TEAM:	IN HOUSE
CONTROLS:	JOYSTICK
NUMBER OF DISKS:	2
NUMBER OF PLAYERS:	1
HARD DISK INSTALLABLE:	NO
MEMORY:	1Mb

GRAPHICS	◆◆◆◆◆◆◇◇◇◇69%
SOUND	◆◆◆◆◆◆◆◇◇◇71%
LASTABILITY	◆◆◆◆◇◇◇◇◇◇46%
PLAYABILITY	◆◆◆◆◆◇◇◇◇◇55%

> *A below par platform game. Just doesn't compare with recent efforts.*

OVERALL 58%

BRIAN FOWLER
Computers Ltd

C= Commodore
AMIGA

11 North Street, EXETER, DEVON, EX4 3QS

A1200

"Combat" Pack - A1200 - Wordworth - Total Carnage - Print Manager - Day by Day - Zool 2 - Brian The Lion - Personal Paint 4.0
Great Value at just £349

14Mhz 68020, 2 MB RAM, 3.5" Floppy Drive, AGA Chip Set, 262,000 Colours On Screen and Free On-Site Warranty.

Free Technical Support

£289.95

Official C= Hard Drive Versions Available. Phone Us!

CD32

With
Microcosm
& The
Chaos Engine

Spectacular Voyage Pack!!!

We have been selling CD32 Connection Kits successfully since October 93! If you want it to work, talk to us!

£249.95

A4000

The Ultimate Power Machine!

Choice of Fast Processors. AA Chip Set, 16.8 Million Colour Palette. Superb flicker-free display. 3.5" HD Drive (MSDOS capable), Fast IDE Hard Drive (SCSI Available), 4 Zorro III Expansion Slots. Complete with WB3 and Manuals. Full On-Site Warranty. Various Configurations. Call for compatibility reassurance! These are UK machines, not "grey imports".

030 **Call Now For New Prices**

040 **Phone for best deal**

CD32 Expansion Modules

Floppy Port	23 Pin Video Port
IDE HD Port	Mpeg Through
SIMM Socket	Audio In
Keyboard Port	Drive Disable
Serial Port	Switch
Parallel Port	Real-Time Clock

£199.95

Memory, Floppy Drives, Hard Drives, Keyboards available ... Phone for prices.

CD32 Connection Kit Mark II
Network to any Amiga
Includes SERNET
"Just Click and Go"

£34.99

Upgrade from Connection Kit Mark I available --- Only £16.99

Lightwave 3D PAL

For a limited introductory period we will be offering this powerful software at the astonishingly good price of

£449.95

We're Backing AMIGA!

Call us for all your Amiga requirements!

£Value

Workbench 3.1 Upgrade

Update your 500 / 1500 / 2000 / 3000 / 4000 to the very latest

from £89.95

Microvitec 1438 14"Colour Monitor. All Amiga modes.

£299.99

Fax Modems complete with software

Join the Comms revolution!

From £199.00

Fed-CASE Flowcharting Code Generator

We are the UK Distributors for this excellent product.

£74.99

A1200 CD Rom Drives

Double Speed, Multi-Session CD ROM * Photo CD Compatible * Plays CD+G music and graphics CDs * Mix CD and Amiga Audio Output * Plays (some) CD32 Software * PCMCIA Connection

£199.95

Hard Drives, SCSI 2 Controllers and Accelerators for the A4000 and A1200

GVP 040/40MHz	A4000 CD ROM	SCSI II
For the fastest Amiga in the World! Fits any Amiga 4000	With interface card - also available for 1500, 2000 and 3000(T). Available NOW!	FAST! SCSI2 1Gigabyte Hard Drive
£1299.00	from £179.00	Only £749.00

Can't see what you want? Just ring (0392) 499 755 --- we have lots more than we can show here!

Fax us on (0392) 423480

Compare Our Prices ! We don't charge extra for Credit Cards or Standard Delivery.
What You See Is What You Pay !!!

How To Order

By Post

Send your cheque/Postal order to the address above. Clearly state your name, address, telephone number and the product(s) you require. Prices can change so please phone to confirm price and availability. Please allow seven working days for your cheque to clear.

By Phone

For an even faster service telephone our sales hot line and quote your credit or debit card number. Friendly and expert buying advice is available at all times.

(0392) 499 755

PRICES CORRECT AT TIME OF GOING TO PRESS.
E&OE. PLEASE PHONE TO CONFIRM LATEST PRICES.

Monday - Saturday 9.30am-6.30pm

0392 499 755

AMERICAN EXPRESS Cards Welcome · SWITCH · EUROCARD · MasterCard · VISA · Access

All Prices Shown Include VAT. Standard Delivery Is Free. No Hidden Extras.

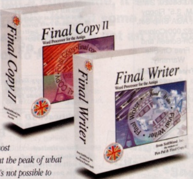
At SoftWood we have o

...we don't just rest on them!

When your software repeatedly wins the highest accolades in reviews worldwide, what do you do? Work even harder to stay ahead of course! New Final Writer Release 2 is the latest result of our intensive development - it's even easier to use, and even more powerful. It's the best there is, and it's designed for those who expect the most from their Amigas. But, if you don't have a hard drive system, don't despair, we can still help. At SoftWood we offer you a choice of two Word Processor/Page Publishing packages.

But why TWO?

Well, this means that whatever specification Amiga you have, SoftWood have the perfect solution for your requirements - and always the most powerful possible for your system. Final Copy II is at the peak of what can be achieved when running with twin floppies, it's not possible to offer more without losing performance. Final Writer is the first and only hard drive compulsory Amiga word processor; the only package that doesn't make compromises to be floppy compatible!



The SoftWood Advantage...

The Tiger
Seminar
For Third-World Debt

Final Copy II (upgradable to Final Writer as your needs grow) and Final Writer are the only word processors that give you ***PerfectPrint***™ *- a unique printing advantage giving silky smooth Industry Standard Adobe™ Type 1 or Nimbus Q scalable outline fonts direct to* ***any*** *printer (even dot matrix and ink jet), in both landscape and portrait. Others use a restrictive and unnecessary jumble of different fonts with complex driver programs for outputting to various printers. The launch of Final Copy II introduced* ***FastDraw***™ *- a special set of structured drawing tools for constructing lines, borders, arrows, circles etc. directly on the page.*

"What the Papers Say..."

Amiga Shopper... *"Final Writer is the closest thing to Microsoft Word to appear on the Amiga"* **Amiga Computing...** *Final Copy II voted "Best DTP Package"* **Amiga Shopper...** *"If ever there was a good reason to buy a hard drive for your Amiga, Final Writer* ***is*** *that reason - Amiga Word Processing has come of age with Final Writer"* **Amiga Format...** *Final Copy II is "The Best Word Publisher"* **Amiga Pro...** *"In comparison (to Wordworth 3), Final Writer 2 is slick, solid and reliable and... is a damn site more usable"* **Amiga User International...** *Final Writer is "a powerful program that produces excellent results"* **Amiga Computing...** *Final Writer is "easily the most configurable Amiga WP ever"* **CU Amiga...** *Final Writer is the "most powerful WP ever to grace the Amiga"* **Amiga Format...** *"I'd go for Final Writer over Wordworth (3) - Final Writer is a joy to use"*

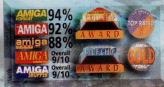
All trademarks are acknowledged

Final Writer, extending innovation...

Now, as others are just starting to add similar features, saying they're 'revolutionary', Final Writer extends the innovation further with ***FastDraw Plus***™ *- adding even faster and more functional options, including a new rotate command. Final Writer Release 2 is again leading the way with the introduction of* ***TouchTools***™ *and* ***PowerUser Bar***™ *technologies. These features give the user a definable area at the top of each document window where up to eight "one-touch" button strips can be configured. Each strip contains easily customisable sets of functions giving instant access to all the major commands/features - with a simple click of the mouse! There is even a set of buttons allowing "one-touch" selections of font style and size plus variations including Plain,* ***Bold****, Italic and* *Underline**!*

It's no wonder we've received top reviews, ratings and awards from all the leading magazines...

The Highest Accolades...



Final Copy
Final Copy

Final Copy II Release 2

Our word processors go beyond simply producing normal letters and documents, at which they naturally excel, and progress into a world where "how the whole document looks" is just as important as "what it says". Admittedly, this can be achieved with Desk Top Publishers - but they're not so easily used as word processors, especially when a good looking letter needs creating quickly - they're far too cumbersome. *Final Copy II* offers the perfect balance between the two requirements... Ease and speed of use, with total control over the perfect printed presentation.

Final Copy II

Complete control over how documents look, now *you* have it at your finger tips on your Amiga! Features include:

FastDraw™ (on-screen drawing tools for use with the generation of borders, boxes and lines or arrows at any angle), Multiple Newspaper Style snaking columns, **PerfectPrint**™ (the unique ability to use **Post Script**™ outline fonts on absolutely any printer in either portrait or landscape) and Text Auto Flows around graphic objects and imported pictures (placed anywhere, scaled or cropped) with the highest print quality. Text can also be printed over graphics!

object
drawing
tools

It's features like these that explain why there are some professional magazines, with 200+ pages, that are produced entirely with *Final Copy II*! Publishers, and many others, have quickly discovered that...

No other Amiga Word Processor in the same category, and at such a competitive price, has all the capabilities *Final Copy II* users have always taken for granted! Isn't it time for you to take a look too!

SoftWood Direct Price: **£49.95**

SoftWood Direct...*the* ***best*** *software at the* ***best*** *price*...Order

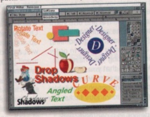
HELP ON MEMORY: ***Our products are the most economical in their use of memory. Like others, we quote the minimum memory required to load our software but we also like to make it clear that***

ur Laurels...

Any Workbench 2 or 3 Amiga with a Hard Disk Drive and minimum of 2Mb of free RAM
Final Writer • Final Writer • Final Writer •
A4
100 Clip Art files and 120 Fonts...
Free
with Final Writer

NEW Final Writer Release 2

Final Writer was launched last year with the power user in mind. It is the Amiga's only Hard Drive compulsory word processor - neither performance nor features have been compromised to maintain compatibility with floppy drive only systems. As well as having a unique list of features for the author of longer documents and publications - automatic indexing, table of illustrations, table of contents and bibliography generation - *Final Writer* with its **TextBlocks**™ was the first word processor to put a character (or group of characters) anywhere on the page, at any size and any angle. It offers a virtually unlimited ability for effects with graphics *and* text. Just like *Final Copy II*, *Final Writer* also includes **PerfectPrint**™ and has a set of tools to create structured graphics with new **FastDraw Plus**™ (now with additional functionality that includes new options like rotation). And... you can also access features unique to SoftWood with both the new **Touch Tools**™ & **PowerUser Bar**™ "one-touch" technologies. Simply 'clicking' a button, means you can define, change and save such things as the 'Paragraph Styles' (ie. Font, Font Size, Text Position, Bold, Italic, Underline etc.) and 'Layout Options' (left, right, centre or justified, bullets, line spacing, indents etc.). The options you have through single button selections are nothing less than remarkable! Indeed, one magazine heralded these as "the closest thing to Microsoft Word to appear on the Amiga"! Also uniquely, *Final Writer* can import, scale, crop, view on screen and output structured PostScript EPS clip-art images (we supply a hundred free with the package) to *any* printer (>2mb system RAM required). And... if you own a PostScript printer *Final Writer* is the only word processor with a set of output options including scaling, crop marks, thumbnails, and half-toning. Combine features like ARexx/Macros and **Text Clips**™, with others new to *Final Writer*, including floating palettes and UNDO/ REDO (on text, formatting *and* graphics actions) - and you have... ***Final Writer Release 2.***



Actual Clip Art as Supplied

Available now from SoftWood Direct (and all other good Amiga software stockists) - offering you the...
Perfect Word Processing/Page Publishing Solution.

SoftWood Direct Price: **£74.95**

Hotline 0773 521606

graphical software requires more memory - dependent on the functions being used.

SoftWood

New Street Alfreton Derbyshire DE55 7BP England
Telephone: 0773 521606 Facsimile: 0773 831040

Introducing - SoftWood Direct

We recently surveyed a sample group from of our tens of thousands of users asking for their opinions or comments about our software. The results were overwhelmingly positive with many users saying that **they regretted not buying *Final Copy II* or *Final Writer* much sooner!**

When we asked them why they hadn't, the most common answers were price and availability, combined with the fact that they often had another word processor they'd owned for some time - or had received free. They couldn't see the need to upgrade! Once they had however, and found just how much more easily and more productively they could work, and how much better the output could be from their own printer... **they couldn't believe what they'd been missing!**

When you can buy a brand new Amiga for under £300, it's obvious that software has got to be priced competitively. Even now though, some Amiga software vendors are raising their prices to counter faltering sales. Some even charge you, again and again, each time you call them for support! Our increasing sales mean we can now lower our prices to the best we've ever charged! Buying from SoftWood Direct ensures you get **the Best Possible Software at the Best Possible Price!**

But... don't just take our word for it; magazine reviews of Amiga word processors in the UK, and worldwide, have bestowed higher marks and more awards on *Final Copy II* and *Final Writer* than any others. We prefer not to say we're number one - the experts do it for us! Our packages have consistently been acclaimed for their "bullet-proof" reliability right from the day of launch. SoftWood software **works first time, every time!**

We listen to feedback from our users... and we act on it! We're so confident you'll be delighted with our programs, we now offer a no-risk chance to find out. SoftWood Direct's promise to you is that if you find we don't live up to any of our claims... **We'll give you your money back!** When you've decided you're completely happy, by simply returning your registration card you'll qualify for **free lifetime technical support.** And... Final Writer owners will also receive **50 additional outline fonts, completely free of charge;** Fonts that others may charge £££'s for.

Call Today... to find out what you've been missing!

3 Easy ways to Order

1 BY PHONE
0773 521606

2 BY FAX
0773 831040

3 BY POST
...to the address below

SoftWood Direct

DEALER ENQUIRIES WELCOME

ORDER FORM

CUA

Mr/Mrs/Miss/Ms:_______ Initial(s):_______ Surname:__________________

Address:____

____

County (Country if overseas):____________________ Postcode:__________

Daytime telephone:____________________ Evening telephone:__________

(Card Authorisation Signature:)

Please charge my credit/debit card as detailed below *(Please Tick)*...
'*Final Copy II*' UK & Overseas **£49.95** ☐ '*Final Copy II*' Non UK EC **£59.95** ☐
'*Final Writer*' UK & Overseas **£74.95** ☐ '*Final Writer*' Non UK EC **£84.95** ☐

Credit/Debit Card No.: ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

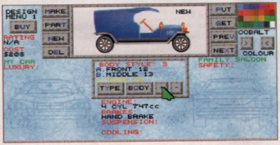
Expiry Date: ☐☐ ☐☐ Issue No.(Switch Cards Only): ☐☐

Cheque/Bank Draft/Postal Order for £____:____ payable to SoftWood Products Europe... ☐ (Please Tick)

PLEASE RETURN TO: SoftWood Products Europe, New Street, Alfreton, Derbyshire DE55 7BP.

Impressions have come up with one of the most original ideas for a business simulation ever devised. Tony Dillon dons his fedora and starts smoking cigars ...

DETROIT



RATING N/A
COST $208
MY CAR LUXURY:
COBALT
FAMILY SALOON
SAFETY:
BODY STYLE: 3
A.FRONT 12
B.MIDDLE 13
C.REAR 15
ENGINE: 4 CYL 747cc
BRAKES: HAND BRAKE
SUSPENSION:
COOLING:

"Get up, everybody's going to lose their seat. You've got to lose your mind in Detroit Rock City". OK, so perhaps a very tenuous link with an old KISS song isn't the best way to start a review, but as it's has been swirling round and round in my head since I started playing the game, I just needed to tell someone about it.

After the success of Bullfrog's *Theme Park*, the buzzword at the moment is business simulations. Out the door go flight sims and combat sims and in comes accounts, marketing and producing consumer goods. Impressions already tried this a while back with their airline management simulation *Air Bucks* and didn't do too badly with it, but this time around it seems as though they have really hit the nail on the head.

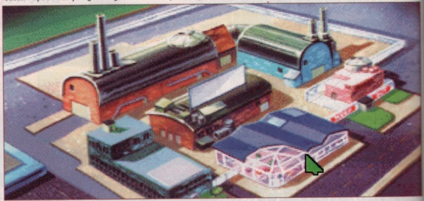
BIGGER AND BETTER

Detroit is all about empire building (as opposed to Empire State Building – ha ha). More specifically it's about building an empire from selling cars á la Henry Ford, but there's a lot more to it than just that. You begin the game with one sales office, one factory, a small amount of money and the plans for a single car – the Model One. From this position you have to create the automated modern world, which isn't easy considering you actually start in the year 1908, when the roads are full of horse-drawn carriages and the car is a completely new concept. The overall aim is to make it all the way to the 21st century, developing new hardware and custom options as you go along, making more money all the time and generally trying to keep ahead of the other three car manufacturers, all of whom are fighting for that lead position too. I know it sounds horrendously complicated, and it seems like you'll just have too much to do at once, but bear with me while I explain.

There are really only five screens for you to work in. The first one you'll come across is the administrative office, where all your hiring and firing is done, among other things. In order to get things moving you will need staff and it's here that you recruit technicians and assembly workers (provided there are enough available) and assign them to various tasks. For example, there are seven major areas of design in a car (bodywork, engine, suspension, cooling, brakes, luxury items and comfort items) any of which you can assign technicians to design. Obviously, the more technicians you assign to a task, the faster you will get results. Similarly, you can assign assemblers to any of the six production lines in a factory, and you will receive a larger return from having more staff on the line. However, having loads of staff costs a lot of money, and you have to make sure you have a genuinely good product to be able to support such high overheads.

FROM A HAT

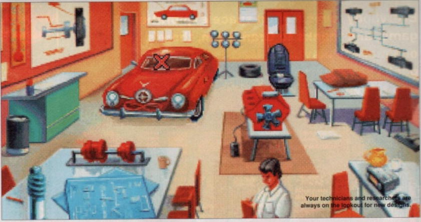
Once you have your office and factory up and running, you have to come up with a product. For the first year, you aren't going to be able to build anything new, simply because your technicians will need that first year to start developing new kit for you to play with. As a result, your first year in business is all about making loads of cash, and to do this you have to make and sell cars. The first real decision is where to sell the cars. As the game has been made as authen-



Your factory and production plant in all its glory. Click on the buildings to enter.

tic as possible, you already know that there is little point in trying to sell your wares in places like South America and Australia in 1908, but there is a market in the more developed parts of the United States and Northern Europe, so that's where you open your sales offices. Then you have to set your marketing strategies, deciding how much you are going to spend in each sales area on advertising in magazines, newspapers, billboards, TV, Radio and any other media that might become available as time goes on. When selling any product you need to build awareness, so be prepared to spend quite a bit on advertising.

The last thing you need to do is set the price of the car, and to see how you should be pricing it, you need to go back to the admin office and check your office reports. Here you can view almost any aspect of the game, from how much profit your competitors are making to the estimated market demand for your cars worldwide. You can also find out exactly how much you opposition's cars are selling for in various parts of the world, and adjust your market strategy accordingly.



Your technicians and researchers are always on the lookout for new designs.

COWBOY BUILDERS

The real secret of the game, however, has to be the car design itself. Don't worry though, you won't need a degree in automotive engineering. At the start you are given a set of blocks to work with, from body shapes to the various internal parts of the car, from which you have to try and build the most exciting, inspiring and 'must have' vehicle ever seen. Once you have created your ideal car, you can choose the colour, give it a name and build a prototype, which you can then test for speed, braking and road handling, at the end of which you are given a percentage score for the car – the higher the better.

It all comes with the standard quality of Impressions packaging, with two game manuals, a cheat card to get you going plus a concise history of the motor car through the years, just to give you some idea of how the market has developed in real life, which you can apply to your game strategy. It isn't often that a company puts this much effort into their packaging, and it really does add to the quality of the game. Three cheers, I say.

Detroit looks great, as you can see, with watercolour images making up all of the screens. Unfortunately, the game doesn't have the animations of the PC version, but because the only part of the game that actually uses this is the testing screen, which isn't completely necessary, this failing is not much of a problem.

EASE OF USE

Playing *Detroit* is actually very easy. The layout of the program is logical enough to leave you with little reason to refer to the manual. Everything is accessible from the mouse or keyboard, and there are more than enough shortcuts to get you to what you want with the minimum of effort. One particularly nice feature is the fact that when you click on the 'next month' icon a screen appears with a checklist of all the available things you can do in the game, with ticks by all the things you have actually done. This serves as a handy reminder for things you may have forgotten to do, so that you don't end up losing the game simply by being forgetful.

Detroit is an excellent game. The nicest thing about it is the fact that Impressions have taken a topic which should inspire many, and presented it in a way which is satisfying enough to keep you playing while simple enough to appeal to the masses, not just the strategy buffs. If you want a game that will take up your days like very few others can, then this is the one to get. CU

Your own office in Admin has the nicest sofa in the game.

IMPRESSIONS £25.99

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

**IMPRESSIONS, UNIT 2/12, CHELSEA
GARDEN MARKET, CHELSEA
HARBOUR, LOTS ROAD, LONDON
SW10. TEL: 071 351 2133**

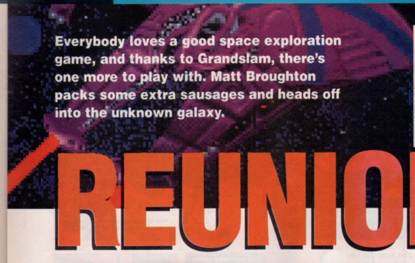
RELEASE DATE: **OUT NOW**
GENRE: **STRATEGY**
TEAM: **IN HOUSE**
CONTROLS: **MOUSE, KEYBOARD**
NUMBER OF DISKS: **2**
NUMBER OF PLAYERS: **4**
HARD DISK INSTALLABLE: **YES**
MEMORY: **1Mb**

GRAPHICS	82%
SOUND	71%
LASTABILITY	85%
PLAYABILITY	86%

> *Accessible yet deep strategy game. Very involving. Very entertaining.*

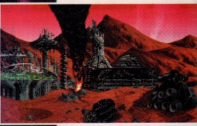
OVERALL 85%

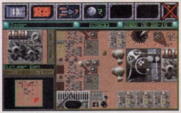
In the marketing area you set your budgets. Over time, you get TV and radio ads too.



Everybody loves a good space exploration game, and thanks to Grandslam, there's one more to play with. Matt Broughton packs some extra sausages and heads off into the unknown galaxy.

REUNION





I'd like the sofa over by the window, the painting on the north wall, and the toilet over by the door. Ta.

By the end of the 26th century, man was reaching out to the stars like never before. Enormous colony ships were sent out to the furthest reaches of the galaxy to search for Earth-type planets.

After many many years of exploration, one of these ships discovered a likely system and travelled nearer to claim it in the name of human-kind. Unfortunately, a collision with an unchartered asteroid field damaged the warp generators, and though the ship arrived safely at the new star system, the stress of deceleration caused the generators to explode, leaving the crew to escape using safety pods. Most didn't make it, and those that did were faced with an awesome task; to build a new colony – a New Earth.

PRESENT DAY

Well, that's all history now. The date is 2927 and New Earth is a thriving community; self sufficient, stable and free from conflict and disease. Having achieved a technical level to rival that of your ancestors, the people of New Earth have, not surprisingly, decided that it's time make contact with their parent planet once again, and as President of New Earth, it has been put to you to lead this glorious expedition to Earth.

WHERE'S MY COMPASS?

You start the game as a lone leader, charged with the task of creating not only a technically advanced exploration force, but one able to defend itself against any hostile beings encountered along the way. To do this you need to call upon the services of a number of advisors, each an expert in their own field. There are four areas to be covered; development, fighting, building, and piloting, and each offers three likely counsellors. Fairly obviously, the more expensive the staff, the higher the level of skill they display — which becomes very important once you start to really develop in your level of technology.

A major part of your strategy lies in the research and development of new technologies, along with the exploration of new worlds for colonisation and mining (absolutely necessary if you want raw materials for your projects). In this way, you cover your losses and expand your personal 'empire' and subsequent base of operations.

Reunion takes a lot more explaining than I can hope to do on a single page, but suffice it to say (and this is a severely inadequate summary) *Reunion* is a very clever mixture of strategy and planning, with a bit of God-sim-ness in there to boot. Time and money must be spent on exploration and collecting mining produce, but never at the risk of falling behind in technology or military might.

Some inventions will only be 'thought of' once you've come up against a specific problem, so, for instance, you're not likely to come up with a translator until you've actually encountered an alien race. You will also find that some of the aforementioned aliens are willing to help you advance, which can, if dealt with correctly, save you a lot of time and effort.

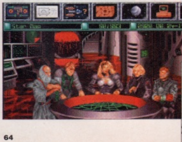
The player interface is friendly and well thought out, giving the player a number of different ways to access the same area of he game, as well as letting the user move his attention between different forces, planets and craft, and ... er etc.

BUT ...

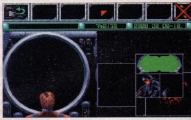
Unfortunately (I'm sure you thought it was too good to be true) *Reunion* is a nightmare to play unless you've got a hard drive. Even with an A1200 and an external drive (which is how I played it for most of the time) the disk swapping is hell. I realise that Grandslam are trying to push the Amiga and bring us nice PC-style games, but I'd advise this only to the patient people out there.

The other criticism that I'd level at *Reunion* is the learning curve — initially, there's just not enough to do. You'll probably have one game of *Reunion* where you make all the wrong decisions, and generally cock-up all over the place, but once you do know what to do, there's a lot of sitting about waiting for things to develop. You can fast forward time, but then you ultimately suffer, as precious minerals remain on distant planets, uncollected.

Reunion is a clever, interesting and absorbing game, but doesn't quite collect a classic rating because of its anti-floppy speed and the lack o pressure timing that, say, *K240* has. However, if you're a hard drive owner who likes good, long exploration adventures though, this could be righ up your valley. CU



Hello! Would you all like to be my friends?



Oh dear. I do believe that sending my six fighters up against that alien horde was a bad idea.

GRANDSLAM £35.99

A500	✓	A500+	✓	A600	✓	A1200	✓
A1500	✓	A2000	✓	A3000	✓	A4000	✓

GRANDSLAM VIDEO LIMITED, 3 RATHBONE SQUARE, 28 TANFIELD ROAD,
CROYDON, SURREY CR0 1AL.
TEL: 081 680 7044

RELEASE DATE:	OUT NOW
GENRE:	ADVENTURE/STRATEGY
TEAM:	IN HOUSE
CONTROLS:	MOUSE
NUMBER OF DISKS:	5
NUMBER OF PLAYERS:	1
HARD DISK INSTALLABLE:	YES
MEMORY:	1Mb

GRAPHICS	86%
SOUND	85%
LASTABILITY	81%
PLAYABILITY	80%

Often slow, but still absorbing stuff.

OVERALL 80%

SX

SOFT EXPRESS LTD

ORDER HOTLINE

TEL: 0908 277177

FAX: 0908 645397

HOW TO ORDER

Order by telephone quoting your credit card number and expiry date (credit cards are not charged until the day of despatch). If paying by cheque, please make payable to:

SOFT EXPRESS LTD, DEPT NO. CU,
6 WHARFSIDE, FENNY STRATFORD,
BLETCHLEY, MILTON KEYNES,
BUCKS MK2 2AZ.

VISA

Access

AMIGA	PRICE
A Train	£11·99
A320 Approach Trainer	£19·99
Addiction	£19·99
Alfred Chicken (1200)	£9·99
Alien 3	£16·99
Alien 3	£16·99
Alien Breed 2	£16·99
Alien Breed 2 (1200)	£18·99
Alien Breed Special Edition	£9·99
Apocalypse	£15·99
Arcade Pool	£6·99
Armour Geddon 2	£15·99
Awardwinners 2	£19·99
Banshee (A1200)	£16·99
Battletoads	£16·99
Beneath Steel Sky	£19·99
Benefactor	£19·99
Big Sea	£18·99
Bob's Bad Day	£16·99
Body Blows	£17·99
Body Blows (1200)	£9·99
Body Blows Galactic	£17·49
Body Blows Galactic (1200)	£14·99
Breach 3	£22·99
Brian the Lion	£15·99
Brutal Sports Football	£9·99
Bubba 'N' Stix	£16·99
Burntime	£22·99
Campaign 2	£22·99
Cannon Fodder	£18·99
Cannon Fodder/ Mortal Kombat/Terminator 2	£22·99
Captive 2	£19·99
Cartoon Racer	£16·99
Champ Manager 93	£16·99
Champ Manager Italia	£16·99
Chaos Engine	£12·99
Chaos Engine (1200)	£16·99
Civilisation (1 Meg)	£22·99
Civilisation (1200)	£18·99
Club Football	£19·99
Combat Air Patrol	£17·99
Combat Classics 2	£19·99
Creepers	£19·99
Cyberpunks	£16·99
D Day	£22·99
Darkmere	£17·99
Demoniac	£16·99
Desert Strike	£19·99
Detroit	£22·99
Dinoworlds	£19·99
Disposable Hero	£16·99
Donk	£16·99
Dracula	£19·99
Dragon Stone	£19·99
Dreamlands	£18·99
Dune 2	£19·99
Dune 2	£19·99
Elfmania	£16·99
Empire Soccer	£16·99
European Champions	£19·99
European Champions (1200)	£16·99
Excellent Games Compilation	£22·99
F1	£16·99
F117A Knighthawk	£22·99

AMIGA	PRICE
Fantastic Dizzy	£16·99
Fatman	£17·99
FIFA International Soccer	£19·99
Fire and Ice	£16·99
Flashback	£17·99
Formula One Champions	£19·99
Formula One Team Manager	£19·99
Frontier Elite 2	£18·99
Fury of the Furries	£9·99
Genesia	£19·99
Goal	£13·99
Goblins 3	£22·99
Graham Gooch 2nd Innings	£11·99
Graham Gooch World Cricket	£19·99
Gulp	£19·99
Gunship (XL)	£8·99
Gunship 2000	£22·99
Hanna Barbera Anim	£29·99
Hannibal	£18·99
Harpoon	£12·99
Hero Quest 2 Legacy	£16·99
Hired Guns	£22·99
Impossible Mission (1200)	£22·99
Impossible Mission (600)	£22·99
Indianapolis 500	£8·99
Innocent	£22·99
Int-edition Sensible Soccer	£19·99
Ishar 3	£21·99
John Madden Football	£9·99
Jurassic Park	£16·99
Jurassic Park (1200)	£18·99
K240	£17·99
Kick Off 3	£16·99
Kick Off 3 (1200)	£19·99
Kid Chaos	£16·99
Kingdom	£22·99
Kingdom of Germany	£19·99
Kingmaker	£22·99
Kings Quest 6 (1200)	£22·99
Kit Vicious	£16·99
Lambourghini	£16·99
Legacy of Sorosil	£16·99
Lords of Power	£22·99
Lotus Trilogy	£11·99
Magic Boy	£16·99
Magicians Castle	£19·99
Man Utd Prem Champs	£18·99
Mario is Missing	£19·99
Micro Machines	£16·99
Microprose Grand Prix	£28·99
Mighty Max (1200)	£16·99
Monkey Island 2	£22·99
Monopoly	£18·49
Morph (1200)	£19·99
Mortal Kombat	£19·99
Mr Nutz (1200)	£19·99
Mr Nutz (600)	£16·99
Nick Faldos Golf	£14·99
One Step Beyond	£12·99
Overdrive	£16·99
Overkill	£12·99
Overlord	£22·99
PGA Tour Golf & Courses	£18·99

AMIGA	PRICE
Pinball Double Pack	£21·49
Pinball Fantasies (1200)	£19·99
Pinkie	£16·99
Populous/Sim City	£16·99
Power Hits	£19·99
Prehistorik 2	£16·99
Premier Manager 2	£9·99
Prime Mover	£14·99
Puggsy	£19·99
Realms of Darkness	£16·99
Rise of the Robots (1200)	£25·99
Robinson's Requiem	£21·99
Rugby League	£16·99
Rugby League Coach	£16·99
Ryder Cup (1200)	£16·99
Ryder Cup (1200)	£16·99
S.U.B.	£19·99
Second Samurai	£16·99
Sensible Soccer 92/93	£13·99
Silent Service 2 (1 meg)	£12·49
Sim City Deluxe	£19·99
Sim City/Lemmings	£19·99
Sim Classics (3 in one pack)	£19·99
Sim Life	£12·99
Simon the Sorcerer	£21·49
Simon the Sorcerer (1200)	£24·99
Simpsons vs World	£16·99
Skid Marks	£16·99
Soccer Kid (1200)	£12·99
Soccer Star World Cup	£16·99
Sorcerer (1200)	£25·99
Space Adventure	£22·99
Space Hulk	£22·99
Startrek 25th Anniversary	£22·99
Streetfighter 2	£9·99
Strike Squad	£22·99
Tactical Manager (Eng)	£19·99
Tactical Manager (Italy)	£19·99
Tactical Manager (Scot)	£19·99
Tensia	£16·99
TFX (1200)	£22·99
The Settlers	£19·99
Theme Park	£22·99
Tracksuit Manager 94	£15·99
Traps and Treasures	£19·99
Turrican 3 (1200)	£16·99
Turrican 3 (600)	£16·99
U96	£22·99
UFO	£28·99
UFO (1200)	£22·99
Ultimate Pinball	£19·99
Uridium 2	£16·99
War in the Gulf	£20·99
Wembley Int Soccer	£16·99
When 2 Worlds War	£19·99
Wild Cup Soccer	£16·99
Wing Commander	£9·99
Winter Olympics	£20·99
Wiz and Liz	£16·99
World Cup USA 94	£17·99
WWF Wrestling 2	£8·99
Zool	£7·99
Zool 2	£9·99
Zool 2 (1200)	£8·99

SPECIALS	PRICE
Curse of Enchantia	£9·99
Disc	£4·99
Federation of Free Traders	£5·99
Jimmy Whites (bundle)	£7·99
Legends of Valour	£9·99
Lemmings 2	£12·99
Manix	£4·99
Nigel Mansell Grand Prix	£9·99
Premier Manager	£7·99
Premier Manager 2	£9·99
Quadrel	£4·99
Soccer Kid	£9·99
Titus the Fox	£7·99
Warriors of Reylene	£7·99
Zool	£7·99
Zool 2	£9·99

UTILITIES	PRICE
20 Blank Disks	£9·00
50 Blank Disks	£16·00
100 Blank Disks	£30·00
250 Blank Disks	£70·00
Amos 3D	£22·99
Amos Compiler	£19·99
Amos Easy	£22·99
Amos Professional	£31·99
Amos Professional Compiler	£24·99
Deluxe Paint 4 (1 meg)	£55·49
Deluxe Paint 4 (AGA)	£60·49
Disk Box 100 Cap	£7·99
Kindwords 3	£19·99
Mini Office	£36·99
Maxiplan 4	£19·99
The Publisher	£19·99
Mousemat	£2·99
External Disk Drive	£49·99
Noddy's Big Adventure	£16·99
Paint and Create (U'5's)	£16·99
Spelling Fair (7-13)	£16·99

EDUCATIONAL	PRICE
Adi English (11-12)	£16·99
Adi French (12-13)	£16·99
Adi French (13-14)	£16·99
Adi Junior Counting (6-7)	£13·49
Adi Junior Reading (4-5)	£13·49
Adi Junior Reading (6-7)	£13·49
Adi Maths (11-12)	£16·99
Adi Maths (12-13)	£16·99
Adi Maths (13-14)	£16·99
Funschool 3 (2-5)	£14·49
Funschool 3 (5-7)	£14·49
Funschool 3 (7+)	£14·49
Funschool 4 (2-5)	£16·49
Funschool 4 (5-7)	£16·49
Funschool 4 (7+)	£16·49
Merlin Maths (7-11)	£16·99
Mega Maths A level	£17·49
Micro English	£16·99
Micro French	£16·99
Micro German	£16·99
Micro Maths	£16·99
Micro Science	£16·99
Micro Spanish	£16·99

CD 32	PRICE
Akira	£19·99
Alfred Chicken	£17·99
Alien Breed 2	£18·99
Arabian Knights	£10·99
Arcade Pool	£9·99
Banshee	£19·99
Battlechess	£19·99
Battletoads	£15·99
Beneath a Steel Sky	£19·99
Bubba 'n' Stix	£17·99
Bubble and Squeak	£19·99
Cannonfodder	£19·99
Castles 2	£19·99
Chambers of Shaolin	£17·99
Chuck Rock	£10·99
D-Generation	£13·99
Dangerous Streets	£17·99
Darkseed	£19·99
Deepcare	£14·99
Dennis	£13·99

CD 32	PRICE
Donk	£19·99
Dragon Stone	£19·99
Elite 2	£18·99
Flimbos Quest	£9·99
Fuzzball	£9·99
Genesia	£19·99
Gulp	£19·99
Gunship 2000	£19·99
Heimdall 2	£20·99
Impossible Mission	£19·99
Inferno	£19·99
International Karate	£9·99
International Soccer	£19·99
Jambala	£17·99
James Pond 3	£18·99
John Barnes	£10·99
Jurassic Park	£19·99
Kick Off 3	£24·99
Kid Chaos	£16·99
Labyrinth	£16·99

CD 32	PRICE
Legacy of Sorosil	£17·99
Lemmings	£16·99
Liberation	£19·99
Lion Heart	£13·99
Litil Divil	£18·99
Liverpool Football	£19·99
Lost Vikings	£19·99
Lotus Trilogy	£17·99
Man United Premier Champs	£19·99
Microcosm	£29·99
Mighty Max	£16·99
Morph	£19·99
Nick Faldo	£21·99
Nigel Mansell	£14·99
No Second Prize	£13·99
Pinball Fantasies	£19·99
Psycho Killer	£19·99
Robocod	£13·99
Ryder Cup	£19·99

CD 32	PRICE
Seek and Destroy	£16·99
Sensible Soccer	£16·99
Sleepwalker	£10·99
Soccer Kid	£19·99
Summer Olympix	£12·99
Surf Ninjas	£19·99
T.F.X.	£19·99
Total Carnage	£19·99
Trivial Pursuit	£19·99
Trolls	£16·99
UFO	£19·99
Ultimate Body Blows	£19·99
Universe	£22·99
Uridium 2	£17·99
Wembley Int Soccer	£19·99
Whales Voyage	£19·99
Wild Cup Soccer	£19·99
Zool	£12·99
Zool 2	£17·99

ORDER FORM

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ ☐☐ / ☐☐

ACCESS/VISA CARD NO. EXPIRY DATE

PLEASE WRITE IN CAPITAL LETTERS

Please supply me with the following titles for computer____________

ITEM	PRICE
POSTAGE	
TOTAL	

SIGNATURE
DATE
NAME
ADDRESS

POSTCODE
TEL:

CU AMIGA OCTOBER ISSUE 1994

***REMEMBER.
IF YOU CAN'T
SEE WHAT
YOU WANT
PLEASE PHONE
AND ASK!****

DELIVERY CHARGES

- UK MAINLAND 2nd Class free
- UK MAINLAND 1st class £1·50 per Item
- EEC – £3 per item
- NON EEC – £4·50 per item
- PRICES INCLUDE VAT AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE NOTE SOME TITLES MAY NOT BE RELEASED AT THE TIME OF PRESS. ALL ITEMS SUBJECT TO AVAILABILITY. E & OE

GASTEINER

126 Fore Street, Upper Edmonton, London N18 2AX
Tel: 081-345 6000 Fax: 081-345 6868

RAM FOR GVP A1230

1Mb	£69.99
4Mb	£189.99

ACCELERATORS

Viper 68030 for A1200

Viper Turbo	£159
Viper + 1Mb	£179
Viper + 2Mb	£219
Viper + 4Mb	£279
Viper + 8Mb	£379

GVP A1230 II for A1200

50 MHZ	£289
1Mb	£319
4Mb	£479
8Mb	£679

G-force 040 for A3000/A4000

40 MHZ 4Mb RAM	£1259

G-force for A1500 – A2000

030 40MHZ	£679
030 33MHZ	£979
EGS Spectrum	£329

ROMBO PRODUCTS

Vidi 12RT	£134
Vidi 24RT	£204

SCSI 2 CONTROLLER

Oktagon 2008 SCSI 2 for A1500 – A4000 Controller

Oktagon 2008	£129
170Mb + 2008	£289
270Mb + 2008	£329
340Mb + 2008	£379
540Mb + 2008	£449
1 Gig + 2008	£599

MICE AND TRACKBALLS

Trackball Alfa Data	£29.95
Trackball with light	£34.95
Alfa Data Optical Mouse	£29.95
Alfa Data Pen Mouse	£33.00
290 DPI Mouse	£9.99
400 DPI Mouse	£14.95
Mouse/Joystick Switch	£12.95

MODEMS

Supra 288	£243.99
Supra 144 LC	£149.00
US Robotics	
Sportster 2496 + Fax	£109.00
Sportster 14400 + Fax	£159.00
Worldport 14400 + Fax	£259.00
Courier V32 Turbo + Fax	£239.00

ACCESSORIES

Printer Cable	£6.00
Modem/Null	£10.00
Scart Cable	£10.00
A1200 Clock	£15.00
Dust Covers	£3.99

DISKS HD or DD

100% Error Free Bulk Disks

	DD	HD
10	£3.50	£6.00
50	£16.25	£27.50
100	£31.50	£50.00
500	£150.00	£225.00
1000	£270.00	£400.00

PRINTER

CITIZEN

ABC Col	£149
200 Col	£190
240 Col	£219

HEWLETT PACKARD

310	£229
520	£249
500 Col	£290
560 Col	£479

SCANNERS

Alfa Data 256 with OCR	£129
Minimum 2Mb RAM + Hard Drive	
Alfa Data New 800 DPI	£113
Power V4 mono	£115
Alfa Data Col	£319
Epson GI 6500	£599
Epson GT 8000	£799
Epson GT 9500	£POA
Image FX	£99

HARD DRIVE

IDE Alfa Data controller and Hard Drive for A500, A500+, A2000, A3000 and A4000 with Option 8Mb RAM upgrade

Controller	£79
120Mb + controller	£259
210Mb + controller	£279
420Mb + controller	£329
540Mb + controller	£399

RAM for above

2Mb	£99
4Mb	£198
8Mb	£379

POWER SUPPLY

A500, A500+	£34.99
A600, A1200	£34.99
A1500, A2000	£79.00

3.5" DRIVES EXT

Amitec 3.5"	£57
Power 3.5"	£50
Power 1.76Mb	£89

3.5" DRIVES INTERNAL REPLACEMENT

A500, A500 + internal	£39.99
A600, A1200	£49.99
A2000	£39.99

WARP ENGINE FOR A4000 ONLY

28MHZ	£799
40MHZ	£1189

GIGAMEN DISK EXPANDER

Disk Expander	£29.95
Gigamen	£39.95

COMPUTERS

A1200	£279.00
A1200 Combat Pack	£324.99

HARD DRIVE A1200 + A600

65Mb	£134
85Mb	£149
120Mb	£189
240Mb	£259

2.5" Hard Drive including cable & software

MONITORS

Microvitec 1438	£289
Philips 8833 II	£239
Microvitec 1440	£399

AMIGA A4000

A4000/30	£POA
A4000/40	£POA
A4000/40LC	£POA

CD ROM DRIVES

For A2000 – A4000

Tandon IDE CD-ROM controller	£65
Mitsumi Dual Speed CD-ROM	£129

For A1200 – A600

CD-1200 controller	£65
Case with PSU	£99
Mitsumi Dual Speed	£129
A1200 Overdrive CD-ROM	£194

RAM! RAM! A500, A600, A500+

A500 1/2Mb	£14.99
A500+ 1Mb	£19.99
A500 1/2Mb with clock	£19.99
A600 1Mb	£19.99
A600 1Mb with clock	£34.95

LOW COST A1200 RAM 32 BIT RAM WITH CLOCK

1Mb	£79
2Mb	£99
4Mb	£169
8Mb	£299

Co-Pro for the above

25MHZ	£35
33MHZ	£69
40MHZ	£129
50MHZ	£149

A4000 RAM

1Mb 32 bit	£29.95
2Mb 32 bit	£69.95
4Mb 32 bit	£129.00

RAM FOR GVP 30PIN

1Mb	£29
4Mb	£129

How to Order

When ordering by telephone please quote your credit card number followed by the expiry date and also your full name and address. If paying by cheque please make it payable to Gasteiner Technology. In any correspondence please quote a phone number and also a postal code. Please allow five working days for cheque clearance.

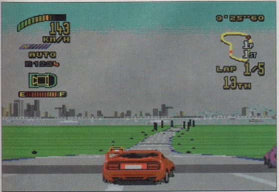
Delivery Charges

VISA

Please add VAT on all items. Small consumables and software items under the value of £59 please add £3.50 P&P. Other items except lasers, next day courier service £10 per box. Offshore and Highlands, please call for a quotation. In addition we offer the following express services: Saturday Delivery normal rate plus £15 per box, Morning, next day normal rate plus £10 per box. E & EO Prices subject to change without prior notice. All trademarks acknowledged.

TOP GEAR 2

Gremlin have held the Amiga racing game crown for some time now but will they hold on to it with a console conversion? Tony Dillon gets behind the wheel and goes "brummmm". (Actually he can't really drive).



Believe it or not, those dots in the middle distance are actually the other cars in the race.

If there is one mainstay that Gremlin Graphics is famous for, it has to be the racing game. *Supercars, Lotus, Nigel Mansell* and others have always been the secret of their success. Most people thought that *Lotus 2* and *3* were the definitive Amiga racing games and even Core Design's superb *Jaguar XJ220* couldn't topple the Sheffield racers from the top of the pile. Which is why I find it so interesting that they should feel the need to convert a SNES racing game, and not a particularly good one at that, to the Amiga. Still, my lot isn't to reason why. (*You're right, it's to get on with the review! – Ed*)

STANDARD START

As you may have guessed, *Top Gear 2* is a racing game, and to be honest it's a pretty standard one at that. You simply have to race around the world in a league against 19 other drivers, through various weather conditions, with the aim of coming first every time. Naturally, your car goes faster than all the others, yet it seems to have tremendous difficulty in gripping the road on a corner, and so you have a far harder time actually completing a lap of any given course than the other drivers on the road. Sound familiar?

As well as receiving championship points at the end of each race, you also receive an amount of money reflecting your final position. This cash is accumulated over a number of races, and can be spent before each one on adjustments and improvements to your car.

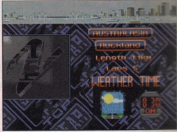
For example, you can soup up the engine, or add better tyres (or Wet Tyres for races in the rain), and if you like you can even give your car a respray, free of charge, for those of you who don't like the default colours or just fancy a shocking pink race car. There are three levels for each upgrade and as usual the best costs the most. As you can probably tell by now, this game isn't exactly packed full of surprises.

HINDSIGHT

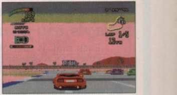
Playing this game, you realise what it was that made the *Lotus* trilogy as popular as they were – smooth animation and a nice, solid and responsive feel to the car. Although the update of the track and objects is running in a frame most of the time (it comes down to about three frames when rain or any other conditions are overlaid onto the screen), the game just doesn't look anywhere near as smooth as its predecessors. This is really down to the fact that the scaling on all cars is terrible. You are given no real sense of distance or perspective simply because the competition go from being the same size as your automobile to dots on the horizon in about five steps, which just isn't acceptable these days.

Also, the game just doesn't feel right. The car is quite slow to respond most of the time, and you end up fighting the controls more often than not, where you should actually be in tune with the game itself. I know it might sound like a load of hippy nonsense, but the key to this kind of game is when you forget about how you're controlling the game and just play it intuitively, er, use the force as it were.

At the end of the day, *Top Gear 2* is a real let down. It's an adequate racing game, with no frills, but it really just does not match up to Gremlin's glorious past. For those of you who have never played a racing game before it's worth a look. If, however, you've already played games such as *Lotus* or *Jaguar XJ220* – avoid. CU



Before each race, you are shown the weather!



Coming up though the pack.

GREMLIN £25.99

A500 ✓ A500+ ✓ A600 ✓ A1200 ✓
A1500 ✓ A2000 ✓ A3000 ✓ A4000 ✓

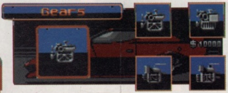
GREMLIN GRAPHICS, CARVER HOUSE, 2-4 CARVER STREET, SHEFFIELD S1 4FS. TEL: 0742 753423

RELEASE DATE:	OUT NOW
GENRE:	RACING
TEAM:	IN HOUSE
CONTROLS:	JOYSTICK
NUMBER OF DISKS:	2
NUMBER OF PLAYERS:	2
HARD DISK INSTALLABLE:	YES
MEMORY:	1Mb

GRAPHICS	64%
SOUND	71%
LASTABILITY	73%
PLAYABILITY	70%

> *Considering its forerunners this is a bit of a disappointment.*

OVERALL 71%



YOU CAN TELL A REAL SUPPORTER BY HIS MOUSE MAT.

LIVERPOOL
THE REDS
FORMED 1892

LEEDS UNITED
UNITED
FORMED 1919

ASTON VILLA
FORMED 1874
SHEFFIELD UNITED
THE BLADES
FORMED 1889

For just £6.99 there's a brand new way to show how much you support your team.

Mouse mats

Choose from our selection of today's top premiership clubs.

Each mat is specially designed with your club's name and crest on a non-slip surface that's bonded to heavy duty black sponge rubber.
Most importantly your club's badge is sealed beneath our tough polycarbonate coating so it won't mark, scratch or fade and wipes clean at the touch of a cloth.
In fact it will last a lifetime, just like your support.
"Footie Mats". Only from The Logic Shop.

☐ ARSENAL
☐ COVENTRY CITY
☐ LEEDS UTD.
☐ OLDHAM ATHLETIC
☐ SOUTHAMPTON
☐ WIMBLEDON
☐ ASTON VILLA
☐ CRYSTAL PALACE
☐ LIVERPOOL
☐ Q. P. R.
☐ SWINDON TOWN
☐ CELTIC
☐ BLACKBURN ROVERS
☐ EVERTON
☐ MANCHESTER CITY
☐ SHEFFIELD UTD.
☐ TOTTENHAM HOTSPUR
☐ RANGERS
☐ CHELSEA
☐ IPSWICH TOWN
☐ NORWICH CITY
☐ SHEFFIELD WED.
☐ WEST HAM UTD.

Tick your choice on the list above and return this coupon with your payment to the address below.
Allow 28 days for delivery. Prices include post and packing.
Name:
Address:

Postcode: Day Tel:
I wish to pay by: VISA ☐ ACCESS ☐
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/ Credit card no. Expiry date _/_/_/_/
Cheques / Postal orders should be made payable to: The Logic Shop.

THE LOGIC SHOP
5 LYNTON PARADE
CHESHUNT HERTS
EN8 8LF 0992 625323

AMITEK

FRIENDLY TECHNOLOGY

Designed to bring you high quality and performance at affordable prices, AmiTek peripherals offer outstanding value-for-money. They are built to ensure easy fitting and trouble free operation - making them a pleasure to use. AmiTek products are also thoroughly tested and very reliable, so reliable that we are pleased to offer a full two year warranty on the AmiTek products detailed here.

RAM UPGRADES

FOR A500/A500PLUS/A600 - 2YR WARRANTY

CODE	DESCRIPTION	INC VAT
RAM 0505	A500 - 512K (No Clock)	£20
RAM 0510	A500 - 512K (With Clock)	£25
RAM 0520	A500PLUS - 1Mb RAM	£30
RAM 0605	A600 - 1Mb (No Clock)	£30
RAM 0610	A600 - 1Mb (With Clock)	£40

MODULATOR

FOR ALL AMIGAS

2 YEAR WARRANTY

The AmiTek External Modulator makes an ideal replacement modulator for all Amiga owners. Everything needed is supplied. Like all AmiTek peripherals, it comes with an easy to follow manual.

- User friendly manual included
- High quality design
- FREE RF cable supplied

MODULATOR
£34
INC VAT - MOA 4200

QUALITY PERIPHERALS FOR THE AMIGA

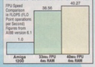
HAWK RAM UPGRADE & MATHS ACCELERATOR

FOR THE AMIGA 1200

1Mb, 2Mb, 4Mb & 8Mb RAM versions available with or without Floating Point Unit
2 YEAR WARRANTY
AMIGA 1200
HAWK RAM BOARD ACCELERATOR
WITH BUILT-IN BATTERY BACKED CLOCK & SOCKET FOR FPU
CONFIGURED TO: 4Mb RAM WITH SOCKET FOR FPU
BUILT-IN BATTERY BACKED CLOCK

Maximise the processing power of your standard A1200. Be ready for the new generation of software which makes more demands on Amiga memory and technology. The AmiTek Hawk RAM expansion includes up to 8Mb fast 32-bit RAM, the ability to support a sophisticated 68882 FPU (Floating Point Unit - drastically increases the speed of maths intensive operations) and a battery backed up clock. Built to a high standard, this board can be easily installed and comes with a 2 year warranty. The Hawk RAM board is available in 9 pre-configured versions enabling you to select the model which best suits your requirements.

INCREASES OPERATION BY UP TO 40x



- Plugs straight into A1200 trapdoor - No soldering required
- Upgradeable FAST RAM board to 1, 2, 4 or 8Mb
- Uses industry standard socketed SIMMs for easy upgrades
- Two types of optional Floating Point Unit - 33MHz or 40MHz PLCC 68882 co-processor
- Comprehensive manual with illustrations
- Works with all A1200 and A1200HD computers
- Does not invalidate your A1200 warranty
- 2 year warranty

	NO FPU	33 MHz FPU	40 MHz FPU
1 Mb RAM	£99	£159	-
2 Mb RAM	£139	£199	-
4 Mb RAM	£199	£259	£299
8 Mb RAM	£399	-	£499

PRICES FROM ONLY
1Mb RAM, NO FPU
£99
INC VAT - RAM 1210

1Mb INTERNAL FLOPPY DRIVES

FOR AMIGA 500/500PLUS & AMIGA 600/1200

These internal AmiTek replacement drives are ideal for users who wish to replace their existing internal drive.

The packs feature a high quality internal 1Mb 3½" drive mechanism for the Amiga 500/500PLUS or Amiga 600/1200. All you need to fit your drive is included, plus easy to follow fitting instructions and 24 months warranty.

2 YEAR WARRANTY

A500/A500PLUS
INTERNAL DRIVE
£34
INC VAT - DRI 3600

A600/A1200
INTERNAL DRIVE
£44
INC VAT - DRI 3605

1Mb SONY 3½" DELUXE FLOPPY DRIVE

FOR ALL AMIGA COMPUTERS

SONY MECHANISM
SONY 3½" 1Mb DELUXE FLOPPY DRIVE
AMIGA
2 YEAR WARRANTY
TOP RATED
CU-AMIGA MAY '94 90%

'Amitek's new disk drive combines an elegant design, high build quality and smooth performance in a very affordable package. Highly recommended'. Jason Holborn - Leading Amiga Journalist

DELUXE FEATURES

The AmiTek drive has been specially designed to meet the needs of Amiga users and has many deluxe features which are not included in other drives - check out the competition!

ANTI-CLICK

The anti-click feature stops your drive from making lengthy whirs and clicks that occur when the drive is empty and searching for a disk.

ANTI-VIRUS

The switchable Anti-Virus mode stops track 0 viruses infecting the disk while in the drive. Yet, unlike many other drives which have virus killers, this Anti-Virus mode can be disabled, allowing some fussy copy protected software to run.

ADD ADDITIONAL DRIVES

As a double sided mechanism, the AmiTek drive gives 880K of disk space after formatting. It is also daisy-chainable, which means that you may add further drives to your system and, uses very little power from your Amiga.

HIGH QUALITY SONY MECHANISM

AmiTek took the time to source a mechanism that has all the features, quality and reliability that Amiga owners have been crying out for. After vigorously testing Sony's mechanism, it proved to be the best by far available.

Details taken from models available MARCH '94	ANTI-CLICK	ANTI-VIRUS	ROBUST STEEL CASE	QUALITY SONY MECHANISM	TOP RATED CU-AMIGA MAY '94 90%	2 YEAR WARRANTY
AMITEK	✓	✓	✓	✓	✓	✓
CUMANA	–	–	–	–	–	–
ZAPPO	–	–	✓	–	–	–

- HIGH QUALITY 3½" SONY MECHANISM
- STRONG METAL CASING
- BUILT-IN ANTI-CLICK FEATURE
- SWITCHABLE ANTI-VIRUS MODE
- ENABLE/DISABLE SWITCH
- 75MS ACCESS TIME
- DAISY CHAINABLE VIA THRU PORT
- LOW POWER USAGE
- NO NEED FOR EXTERNAL PSU
- 2 YEAR WARRANTY

EXTERNAL DRIVE
£59
INC VAT - DRI 1159

THE SILICA SERVICE

SILICA 1978 1994 16 YEARS SERVICE TO YOU

Before you decide when to buy your new Amiga products, we suggest you think very carefully about WHERE you buy them. Consider what it will be like a few months after you have made your purchase, when you may require additional peripherals or software, or help and advice. And, will the company you buy from contact you with details of new products? At Silica, we ensure that you will have nothing to worry about. With our unrivalled experience and expertise, we can meet our customers' requirements with an understanding which is second to none. Complete and return the coupon now for our latest FREE literature and begin to experience the "Silica Service".

- *FREE OVERNIGHT DELIVERY:* On all hardware orders shipped in the UK mainland (there is a small charge for Saturday delivery).
- *TECHNICAL SUPPORT HELPLINE:* A team of technical experts will be at your service.
- *PRICE MATCH:* We match competitors on a "Same product - Same price" basis.
- *ESTABLISHED 16 YEARS:* We have a proven track record in professional computer sales.
- *PART OF A £50M A YEAR COMPANY:* With over 300 staff - We are solid, reliable and profitable.
- *BUSINESS + EDUCATION + GOVERNMENT:* Volume discounts are available. Tel: 081-308 0888.
- *SHOWROOMS:* We have demonstration facilities at all our stores.
- *THE FULL STOCK RANGE:* All of your computer requirements are available from one specialist supplier.
- *FREE CATALOGUES:* Will be mailed to you, with special reduced price offers, as well as details on all software and peripherals.
- *PAYMENT:* We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

SILICA

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

1-4 THE MEWS, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (3rd Floor), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), 46-50 St. David's Way	0222 399789
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (3rd Floor), Millbrook	0483 301300
HARROW	Debenhams - Open Sept '94, Station Road	081-427 4300
HULL	Debenhams - (2nd Floor), Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (3rd Floor), 334 Oxford St	071-493 3735
LONDON	Selfridges - (Basement Arena), 369 Oxford St	071-629 1234
LUTON	Debenhams - (1st Floor), Arndale Centre	0582 21201
MANCHESTER	Debenhams - (3rd Floor), Market Street	061-832 8666
PLYMOUTH	Debenhams - (3rd Floor), Royal Parade	0752 266666
SHEFFIELD	Debenhams (3rd Floor), The Moor	0742 768611
SHEFFIELD	Debenhams - Open Sept '94, Meadowhall Centre	0742 568555
SIDCUP	1-4 The Mews, Hatherley Road	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Keddies - (2nd Floor), High Street	0702 468039
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 860066

To: Silica, CMUSR-0994-213, 1-4 The Mews, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND ME AN AMIGA CATALOGUE

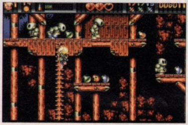
Mr/Mrs/Miss/Ms: .... Initials: ....
Surname: ....
Company (if applicable): ....
Address: ....
....
....
....
.... Postcode: ....
Tel (Home): ....
Tel (Work): ....
Which computer(s), if any, do you own?
.... 213E

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.

What's this? Renegade are releasing another platform game, and claiming it's the best ever? Tony Dillon investigates with a raised eyebrow.

CU AMIGA SUPER STAR

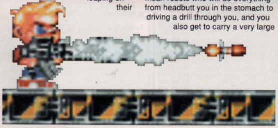
RUFF 'N' TUMBLE



You don't want to go up there, mate. After all, there are two coloured marbles and a weapons power-up on that platform on the right.

I know that I've said it before, but this game has to win the award for having the strangest plot ever devised. Ruff (who is the young fair haired boy of the title) enters a fantasy world after playing near a mysterious rabbit warren. When his marble rolls down a tunnel, he leaps at the chance to be transported to another world to battle with the evil Dr Destiny and his Tinhead army. Armed with a variety of weapons, Ruff battles through four worlds and 16 levels to defeat his enemy. Weird or what?

As you can tell from the screenshots, or if you've already taken a sneaky look at the genre box in the verdict panel, *Ruff 'N' Tumble* is a platform game. What you won't be able to tell from the screenshots is that it's a platform game in a class of its own. It doesn't look like it should be on a console. It isn't even remotely cute in its handling of weapons. It's extremely violent. You don't kill enemy sprites purely by leaping on their heads, no there's a lot more to it. But more on that later.

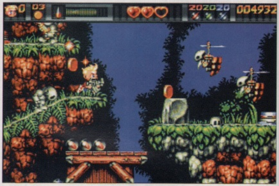


LOW FAT SPREAD

The game is spread out over four worlds; forest, caves, factory and Dr Destiny's Castle, with each world being made up of four huge levels. The aim on each level is always the same, however, which is to collect a large amount of marbles of all different colours, a set amount of which must be picked up before the exit to the next level is opened.

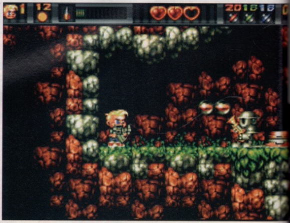
Naturally enough, when you reach the end of the world, you have to go against a giant sprite in the guise of an end-of-level monster. There are coins dotted all around the levels too, a hundred of which guarantee the player an extra life, along with all manner of other bonus objects which just increase the player's score.

This is nothing really new here but what does make *Ruff 'N' Tumble* special is that it is an extremely playable and polished product. Jason Perkins (code) and Robin Levy (graphics), have managed to create what could almost be described as the perfect blend of platform game action and a shoot 'em up. Like I said, you don't jump on the bad guys, and you don't get to be cute at any point. What you do get is to go up against some fairly mean robots who will do everything from headbutt you in the stomach to driving a drill through you, and you also get to carry a very large gun. But that's only part of the fun.

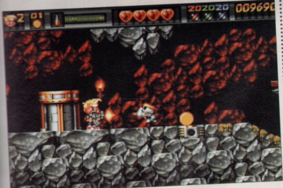


He may have a cute haircut, and perhaps his cheeky grin doesn't give you the impression that he's a full on killing machine, but Ruff races with a determination that many find hard to match.

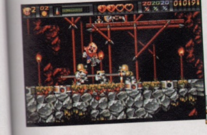
When you start the game, you have a fairly weedy weapon. Collect a couple of power-ups and your puny little pop gun can be turned into a rapid firing machine assault rifle with enough kick to saw a house in half. But that's not the good part. The good part is when you get to collect some of the other weapons in the game, such as the laser pulse rifle or, best of all, the flame thrower. I can't explain why, but there is something about swinging a stream of fire around the screen, wiping out everything in sight that is just so satisfying. *(I'm getting worried about Tony – Ed.)*



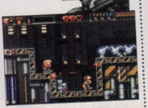
As well as the basic one hit robots to kill, there are also more dangerous enemies, like Bobby with his Blunderbuss (pictured) or Tommy with his Tin head.



(Above) On the second world you get to go against small driller robots with a penchant for making large holes in you.
(Below) When it gets too much, then it's time to get mad!



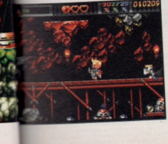
machines, with the sort of sound and graphic content that sits firmly in the modern day. I guess what I'm trying to say is, shucks, just go and buy it will you? CU



ARE YOU EXPERIENCED?

Ruff 'N' Tumble's design is superb. Each level flows along nicely (maybe that's the wrong word!) and there are no awkward moments in the game. All the jumps and platforms are in logical places and there are 'no leaps of faith', as Tom Watson from Renegade is so keen to point out. What this means is that you can generally jump to another platform without first checking where you are going to land. Even if you can't see exactly where you're going there are always clues – which makes things much less frustrating and much more interesting.

At the end of the day, *Ruff 'N' Tumble* is an excellent game, one that shows the genuine effort that has gone into creating it. A true Amiga platformer it tips its hat to the simple playability of yesteryear's



When all's said and done, there's nothing to do but retreat.

RENEGADE £25.99

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

RENEGADE SOFTWARE, UNIT C1,
METROPOLITAN WHARF, WAPPING
WALL, LONDON E1. TEL: 071 702 3643

RELEASE DATE:	SEPTEMBER
GENRE:	PLATFORM
TEAM:	WUNDERKIND
CONTROLS:	JOYSTICK
NUMBER OF DISKS:	2
NUMBER OF PLAYERS:	1
HARD DISK INSTALLABLE:	NO
MEMORY:	1Mb

GRAPHICS	93%
SOUND	89%
LASTABILITY	90%
PLAYABILITY	94%

> *An absolutely stunning game.*

OVERALL 92%

CDROMS.PDSOFT CDROMS.PDSOFT

PDSOFT

1 Bryant Ave, Southend-on-sea, ESSEX,
SS1 2YD. Telephone (01702) 466933
Fax 617123

PROFESSIONAL FONTS & CLIP ART CD (£19.99)

Contains a stagering amount of FONTS, 4,000 Adobe Type 1, 200 Compugraphic, 1,500 True Type fonts Pro Draw Fonts, ProPage 2 fonts, IFF Colour, IFF Mono and all our Fletcher Video Fonts. CLIP ART, Over 5,000 PCX Pictures, 284 GIF Pictures, 1,000 EPS Files, and over 2,379 TIFF Pictures,Over 610Mb

PDSOFT

CD7000 PC LIBRARY £49.99
Contains our complete PC library featuring PCG Disks 1-640, PCV Disks 1-680 and PCH Disks 1-160. See Amiga Format, PC Gamer and PC Power for more details.

VARIOUS 1-1500 £19.99
For all who are familiar with our selection of disks this CDROM Contains our complete Various Disk collection from 1 to 1500. See our advert in Amiga Format, CU Amiga for more details. All disk barr the fonts (see Fonts cd).

AMIGA LIBRARY CDNO_4 (DISKS 3001-4000) £19.99
For all who are familiar with our selection of disks this CDROM contains our complete collection from 3001 to 4000. ie all our game disks from disks 1-3000, over 800 disks worth, also contains all the latest mega demos, animations, disk mags, Music disks, Picture disks, Slide shows, Sample disks, Rave demos, demo collections, and a HUGE collection of AGA software, Mega Demos, Pictures, Games etc. Theres 680Mb of Software packed onto 1 CD. All software is in DMS format & includes text information on all the disks.

INTERNET

AMINET III £19.99
Aminet is the worlds largest Amiga PD collection. Upto 10,000 users access the .vast software collection, with the series of CD roms it gives you the access to Internet without the Phone bill. Its an on going range of CDROMs which is updated every 4 months. This CD contains 1,600 Apllications, 200 Games, 500 Songs, 350 Demos, 250 Pictures, & 80 Anims.
Subscription avaliable on AMINET CDROMs at your next CDROM for only £16.99

MEETING (PEARLS) £19.99
Meeting Pearls is the first CD to be produced within the concept of share compilation ans includes. 600Mb of top quality freeware. Most programs are easily installable on the hard drive via a comfortable script. The following programmes (amongst many others) are including; PasTex (latest version including 600dpi and Fax fonts). NetBSD (archived), more than 100 top-, quality fractals, photographs, several hundred installed programmes, many HTML-pages, CD index lists, Games etc.

WIERD SCIENCE

MULTIMEDIA TOOLKIT £19.99
Its one of the original cdroms and still among the top titles, Its contains loads, and loads of stunning high quility colour and mono pictures, artwork and pictures idea for DTP Users.

NETWORK CD £14.99
The Network CD contains over 36,000 files of software. include Workbench, Parmet, SetNet, NComm, Term, Twin Express, Emit, TBag 1-74, 500 images, photo CD Conversion utilities and a whole host more.

AMOS PD LIBRARY £19.99
Contains the complete Amos PD Collection. Its excellent contents have won prise from all amiga users and reviews alike, recommend purchase.

MULTIMEDIA TOOLKIT 2 £19.99
What not another colour selection of colour pictures on a CDROM, are but this is the follow up to one of the best selling Amiga CDs THE MultiMedia Toolkit. More pictures then ever before.

SOUNDS TERRIFIC £19.99
a DOUBLE cdrom PACK CONTAINING 1.2 gIGABYTES OF MUSICAL AND SOUND DATA FOR THE aMIGA AND ibm pc COMPUTERS. Contains Modules, Sonix scores, Midi Files, Samples in RAW, IFF, WAV & VOC formats. Top value cdrom

WALNET CREEK

GIFS GALORE £19.99
Contains thousands of brilliant colour GIF images in dozens of categories. Viewers provided for MSDOS, Macintosh, Amiga, Unix, etc.

PROJECT GETENBURG £19.99
The disk contains the electronic texts of the Project Gutenberg archives for 1991, 1992 and 1993. it includes The complete Works of William Shakespeare, CIA World Factbook, Moby Dick, all Mark Twain, Lewis Carroll, John Miltons works and load more.

FRACTAL FRENZY £19.99
FractalMania contains thousands of original fractal images in a truly spectacular collection by Lee H.Skinner. Fractals like Jack O'Lantern, Blude Cauliflower, The Star Gate and Mandelbrot Sqirals.

CLIP ART CORNUCOPIA £19.99
This CDROM contqains 5050 black and white images, totaling 408 Mb. Raning in subjects from cartoons, animals, wild west, spacecraft, school, inserts, chrismas, nature, scenery, literary images, cultural pictures, birthdays greetings and beaches, these clipart images are perfect for any desktop publishing use!

SPACE & ASTRONOMY £19.99
1080 image files of earth, the planets, and space program will dazzle your eyes. Mostly from NASA, the images are of the Solar system from deep space probes and of the shuttle crew and hardware that makes the exploration possible. Also contains 5000 text files.

AMINET II £19.99
This CDROM Contains the Aminet Internet collection of software. 610Mb of programs and data for the Commodore Amiga. - 3,800 files, including hundreds of appliactions for business, database management, text processing, GNU utilities, Music and graphics programs, telecommunications packages, and utilities of all kinds.

ALMATHIA

CDPD4 £19.99
Contains the complete GNU C/C++ compiler distribution with CBM v40 includes and C manuals, PasTex, MUSIC EXCLUSIVE: The complete AM/FM magaine disks. RAY TRACING: Image objects, testures, tutorials and guides. PERSISTANCE OF VI-

NETWORKING AMIGAS. UUCP. SLIP and TCP/IP distributions, as well as Parnet and SerNet. TEXT. Many more classic books Internet Guides and manuals, Amiga documentation, online magazines, 350 Bitmap and 410 postscript fonts. E, The complete installation for this brilliant language.

EURO SCENE1 £14.99
600Mb of Amiga demos and music. for the first time on CDROM Euroscene 1 brings you the many talents of the famed Euroscene gatherings - drawn directly from the FUNET Internet Archive. Contains all Party winners and many ground breaking productions. All archived and designed for BBS.

FRED FISH

CD10 GOLDFISH £29.99
The Goldfish CD-ROM is the offial archive of this floppy based library. It contains all 1,000 disks in both archived (BBS-Ready) and archived (ready to run) forms.

FRESHFISH 4 £19.99
Contains 151Mb of Full GNU source code for supplied GNU executables, 126Mb of New ready to run material not including in floppy library. 86Mb of Archived (BBS Ready) GNU source, binaries, libraries and includes. 82Mb of new (BBS Ready) material not on floppy library. 46Mb of GNU Binaries, libraries and Amiga Guide info. 42Mb of Miscellaneous useful tools, libraries, and examples. 33Mb of PasTex source, fonts, and binaries, 22Mb of Ready-to-run contents of floppy disks 976-1000. 6Mb of inportant Commodore include, libraries, and developer tools (V37-V40).

FRESHFISH 5 £19.99
Contains, 220 Archived (BBS Ready) material from this CD and Previous Fresh Fish CDs, 169 Mb of Full GNU source code and diffs for supplied GNU exes, 77Mb of Misc usefull tools, libraries, docs, and examples. New ready to run material released since the FreshFish, 53Mb of Binaries, runtime files, & docs. 26Mb of cdrom descriptions, 13Mb of admin tools, and 6Mb of Commodore include, libries, & developer tools (V37-V40). (CD4000) Subscription avaliable on FRESH FISH CDROMS at £19.9 every 2 months. Preorder with acard.

NEW RELEASES

AMIGA RAYTRACER £44.99
This brand new cdrom contains two cdroms. contains complete Raytracing software in almost all formats, also contains loads of Ray Tracing software. (full versions, freeware and shareware. Ring for more details

GRAPHICS CD1 £14.99
Vol 1, This brand new cdrom contains 600Mb of new IFF artwork, clipart etc

GRAPHICS CD2 £14.99
Vol 2, This brand new cdrom contains 600Mb of new IFF artwork, clipart etc

ASSASSINS CDROM £19.99
Contains the complete collection of the most popular games series on the Amiga. It works on all systems including CD32.

LSD TOOLS CD £19.99
Direct from one of the quickest groups for collecting shareware and freeware utilities comes this one of the best cdroms to hit the scene yet. Its excellent said by all.

Leads

ASY3a HEAD-2-HEAD (SERIAL)
(For use with Twin Express) £ 9.99
CL391 PARNET CABLE
(For use with Twin Express) £ 9.99
IPL-1.8 PRINTER CABLE
Connect to a printer. £ 6.49
CLL26 STEREO 5 METERS
Connect to a HiFi NOW!! £ 4.99

PAYMENT DETAILS
Make Cheques, Postal Orders (PO)(not crossed). Euro cheques & Bankers draft's out to PD-SOFT. Credit Cards & Switch cards can be used. Oversea's Cheques Must be Drawn on a UK Bank (No oversea's Postal Orders). For fast despatch Cleared funds (ie POs or card. P&P £1 Per CD.

CREDIT CARDS or SWITCH
With a credit card order the goods can be despatchedn asap and you can also reserve new releases and series cdroms. This means as the cdroms are released they are despatched to you. SUBSCRIPTIONS can used for FRESHFISH (released every 2 months, FROZENFISH (Every 6-8 Months), AMINET (Every 4 months), CDPD RANGE (No fixed Date Apx 3 Months). Charged on day of release and not before.

CATALOGUES
are free of charge and are sent out every month [illegible]

CDROMS PDSOFT CDROMS PDSOFT CDROMS PDSOFT

"UNDER
NEW MANAGEMENT"
VISA IS NOT CHARGED
UNTIL DAY OF
DESPATCH

DIRECT SOFTWARE

REGULAR
FREE GIVEAWAYS
WHEN YOU
BUY FROM
DIRECT

DEPT CU Unit 3, Cross Keys Shopping Mall, St Neots, Cambridgeshire PE19 2AU
TELEPHONE ORDER LINE: 0908 379550 FAX: 277142

AMIGA TITLES

A320 Approach Trainer	16·99
Addiction	19·99
Alien 3	16·99
Alien Breed & Tower Breed	17·99
Alien Breed Special Edition	9·99
Alfred Chicken (1200)	9·99
Apidya	7·99
Apocalypse	15·99
Arcade Pool	6·99
Armour Geddon 2	15·99
Award Winners Gold	19·99
Banshee (A1200)	16·99
Battletoads	16·99
Benefactor	19·99
Big Sea	18·99
Blade of Destiny	25·99
Bobs Bad Day	16·99
Body Blows (Team 17)	9·99
Body Blows (A1200)	9·99
Brian the Lion	15·99
Breach 3	22·99
Brutal Football Deluxe (1200)	17·99
Bubba 'N' Stix	16·99
Burntime	22.99
Campaign 2	22·99
Captive 2	19·99
Cartoon Racer	16·99
Champ. Manager, End of Season	12·99
Champ- Manager Season Data	8·99
Chuck Rock 2	9·99
Civilisation (1200)	18·99
Civilisation (1 Meg)	22·99
Club Football	19·99
Combat Air Patrol	17·99
Cosmic Spacehead	16·99
Creepers	19·99
Cyber Punks	16·99
Cyberspace	22·99
Dalek Attack 30th Anniversary	15·99
Darkmere	17·99
D Day	22·99
Demomaniac	16·99
Desert Strike	19·99
Detroit	22·99
Dinoworlds	19·99
Disposable Hero	16·99
Donk	16·99
Dracula	19·99
Dragonstone	19.99
Dreamlands	19·99
Dreamweb	19·99
Dune 2	19·99
Elfmania	16·99
Empire Soccer	16·99
European Champions (A1200)	16·99
Excellent Games (Compilation)	22·99
F1	16·99
F117A Knight Hawk	22·99
Fantastic Dizzy	16·99
Fantasy Empires	22·99
Fatal Strokes	19·99
Fatman	17·99
FIFA International Soccer	19.99
Fire and Ice	16·99
Formula One Champions	19·99
Formula One Team Manager	19·99
Genesia	19·99
Global Domination	22·99
Goblins 3	22·99
Goal	13·99
Gulp	19·99
Gunship (XL)	8·99
Hanna Barbera Animation	29·99
Hannibal	18·99
Harpoon	12·99
Heroes Quest 2 Legacy	16·99
Impossible Mission (A600)	22·99
Impossible Mission (A1200)	22·99
Indianapolis 500	8·99
Innocent	22·99
Int Edition Sensible Soccer	12·99
Ishar 2	19·99
Ishar 3	21·99
Jack the Ripper	27·99
Jaguar XJ220 (1 Meg)	8·99
James Pond 3 (A1200)	19·99
K240	17·99
Kick Off 3 (1200)	19·99
Kid Chaos	16.99
Kingdom	22·99
Kingdom of Germany	19·99
Kingmaker	22·99

Direct's Best Sellers

A-Train	11·99
Alien 3	16·99
Alien Breed 2	16·99
Alien Breed 2 (1200)	18·99
Award Winners 2	19·99
Beneath Steel Sky	19·99
Body Blows	12·99
Body Blows Galactic	17·49
Body Blows Galactic (1200)	14·99
Brutal Sports Football	9·99
Cannon Fodder	18·99
Championship Manager 93	16·99
Championship Manager Italia	16·99
Combat Classics 2	19·99
Dune 2	19·99
European Champions	16·99
Flashback	17·99
Frontier (Elite 2)	18·99
Fury of Furries	9·99
Graham Gooch 2nd Innings	11·99
Graham Gooch World Cricket	19·99
Gunship 2000	22·99
Hired Guns	22·99
John Maddens Football	9·99
Jurassic Park	17·99
Jurassic Park (1200)	18·99
Micro Machines	16·99
Monkey Island 2	22·99
Mortal Kombat	19·99
Pinball Fantasies (1200)	19·99
Premier Manager 2	9·99
Ryder Cup	16·99
Second Samurai	16·99
Sensible Soccer 92/93	13·99
Sim City Deluxe	19·99
Simpsons & World	16·99
Skid Marks	16·99
Soccer Kid (1200)	12·99
Streetfighter 2	9·99
The Settlers	19·99
Uridium 2	16·99
WWF2 Wrestling	8·99
Winter Olympics	20·99
Zool 2	9·99

BLANK DISKS
20 ......£9·00 100 ...£30·00
50 .....£16·00 250 ...£70·00
PRICES ARE FOR UK
MAINLAND ONLY
PRICES INC P+P

Frontier Elite 2 £18.99

Mortal Kombat £19·99

Cannon Fodder £18·99

T.F.X. £22·99

Beneath Steel Sky £19·99

DIRECT SPECIAL BARGAIN BOX

Brutal Sports Football	9.99
Cannon Fodder/Mortal Kombat/Terminator 2	22.99
Chaos Engine	9·99
Chaos Engine (1200)	9·99
Curse of Enchanter	9·99
D Generation (bundle)	7·99
Disc	4·99
Federation of Free Traders	5·99
Jimmy Whites (bundle)	7·99
Legends of Valour	9·99
Lemmings 1	9·99
Lemmings 2	12·99
Lotus Trilogy	11·99
Manix	4·99
Nick Faldo Golf	9·99
Nigel Mansell Grand Prix	9·99
Pinball Fantasies	9·99
Premier Manager	7·99
Premier Manager 2	9·99
Quadrel	4·99
Silent Service 2 (1 Meg)	12·49
Soccer Kid	9·99
Syndicate	9·99
Titus the Fox	7·99
Warriors or Reylene	7·99
Wing Commander	9.99
Zool	7·99
Zool 2	9·99

AMIGA TITLES

Kings Quest 6	22·99
Kings Quest 6 (1200)	22·99
Kit Vicious	16·99
Lamborghini	16·99
Legacy of Sorasil	16·99
Lords of Power	22·99
Maelstrom	22·99
Magic Boy	16·99
Magicians Castle	19·99
Man. United Premier Championship	18·99
Mario is Missing	19·99
Mighty Max (1200)	16·99
Monopoly	18·49
Morph (1200)	19·99
Mr Nutz (1200)	17·99
Mr Nutz (600)	16·99
One Step Beyond	12·99
On the Ball	19·99
Oscar	16·99
Oscar (A1200)	16·99
Out to Lunch	16·99
Overdrive	16·99
Overkill	12·99
Overlord	22·99
PGA Tour Golf + Courses	18·99
Pinball Dreams	12.49
Pinball Double Pack	21.49
Pinkie	16.99
Populous/Sim City	16·99
Powerhits	19·99
Prehistorik 2	16·99
Primemover	14·99
Puggsy	19·99
Realms	9·99
Realm of Darkness	16·99
Rings of Medusa	19·99
Rise of the Robots (A1200)	27·99
Rise of the Robots	25·99
Robinsons Requiem	21·99
Rugby League	16·99
Rugby League Coach	16·99
Ryder Cup (A1200)	16·99
Seek and Destroy	14·99
Sensible Soccer	16·99
Sierra Soccer	16·99
Sim City /Lemmings	19·99
Sim Classics (3 in 1 pack)	22.99
Simlife	12·99
Simon the Sorceror	21·99
Simon the Sorcerer (1200)	24·99
Soccer Star World Cup	16.99
Space Adventure	22·99
Space Hulk	22·99
Star Trek 25th Anniversary (1200)	22·99
Strike Squad	22·99
Supremacy	19·99
Super League Manager	16·99
S.U.B.	19·99
T.F.X. (1200)	22·99
Tactical Manager (England)	19·99
Tactical Manager (Italy)	19·99
Tactical Manager (Scotland)	19·99
Tensai	16·99
Terminator 2	18·99
Theme Park	22·99
Theme Park (1200)	22·99
Total Carnage	18·99
Tracksuit Manager 94	15·99
Traps and Treasures	19·99
Turrican 3 (A1200)	16·99
Turrican 3 (A600)	16·99
Twilight 2000	20·99
Twilight 2000 (1200)	20·99
U96	22·99
UFO	22·99
UFO (1200)	22·99
Ultimate Pinball	19·99
Walker	18·99
War in the Gulf	20·99
Wembley Int Soccer (1200)	16·99
Wild Cup Soccer	16·99
When 2 Worlds War	19·99
Wiz N Liz	16·99
World Cup USA 94	17·99
Zool 2 (A1200)	8·99

FREE * FREE * WHEN YOU SPEND OVER £30 YOU GET A FREE GAME * FREE * FREE

UTILITIES

Amos 3D (Req Amos)	22·99
Amos Compiler (Req Amos)	19·99
Amos Easy	22·99
Amos Professional	31·99
Amos Professional Compiler	24·99
Deluxe Paint 4 (1 Meg)	55·49
Deluxe Paint 4 (AGA)	60·49
Disk Box 100 Cap	7·99
External Disk Drive	49·99
Kindwords 3	19·99
Maxi Plan 4	19·99
Mini Office (Word Processor, Spreadsheet, Database and Disk Utilties)	35·99
Mousemat	2·99
The Publisher	19·99

CD32 TITLES

A Kira	19·99
Alfred Chicken	17·99
Alien Breed 2	18·99
Arabian Knights	10·99
Arcade Pool	9·99
Banchee	19·99
Battle Chess	19·99
Battle Toads	15·99
Beneath a Steel Sky	19.99
Bubba N Stix	17·99
Bubble and Squeak	19·99
Cannon Fodder	19·99
Castles 2	19·99
Chambers of Shaolin	17·99
Chaos Engine	17·99
Chuck Rock	10·99
Dangerous Streets	17·99
Darkseed	19·99
Deep Core	14·99
Dennis	13·99
D - Generation	13·99
Dizzy Collection	16·99
Donk	19·99
Dragonstone	19.99
Elite 2	18·99
Flimbos Quest	9·99
Fuzzball	9·99
Genesia	19·99
Global Effect	19·99
Gulp	19·99
Gunship 2000	19·99
Heimdall 2	20·99
Impossible Mission	19·99
Inferno	19·99
International Edition Soccer	16.99
International Karate Plus	9·99
International Soccer	19·99
James Pond 3	18·99
Jambala	17·99
John Barnes	10·99
Jurassic Park	21·99
K240	19·99
Kick Off 3	21·99
Kid Chaos	16.99
Labyrinth	16·99
Legacy of Sorasil	17·99
Lemmings	16·99
Liberation	19·99
Lion Heart	13·99
Liverpool Football	17·99
Litil Divil	18·99
Lost Vikings	19·99
Lotus Trilogy	17·99
Man United Premier Champs	19·99
Mighty Max	16·99
Morph	19·99
Microcosm	29·99
Naughty Ones	19·99
Nick Faldo	21·99
Nigel Mansell	14·99
No Second Prize	13·99
Pinball Fantasies	19·99
Pinko	19·99
Planet Football	22·99
Psycho Killer	19·99
Robocod	13·99
Ryder Cup	19·99
Seek + Destroy	16·99
Second Samurai	24·99
Sensible Soccer	16·99
Simon the Sorceror	25·99
Sleepwalker	19·99
Soccer Kid	19.99
Summer Olympix	12·99
Surf Ninjas	19·99
TFX	19·99
Total Carnage	19·99
Trivial Pursuit	19·99
Trolls	16·99
UFO	19·99
Ultimate Body Blows	19·99
Universe	22.99
Uridium 2	17·99
Wembley International Soccer	19·99
Whales Voyage	19·99
Wild Cup Soccer	19·99
Zool	12·99
Zool 2	17·99

EDUCATIONAL

ADI English (11-12)	16·99
ADI French (12-13)	16·99
ADI French (13-14)	16·99
ADI Junior Counting (6-7)	13.49
ADI Junior Reading (4-5)	13.49
ADI Junior Reading (6-7)	13.49
ADI Maths (11-12)	16·99
ADI Maths (12-13)	16·99
ADI Maths (13-14)	16·99
Fun School 3 (2-5)	14·49
Fun School 3 (5-7)	14·49
Fun School 3 (7+)	14·49
Fun School 4 (2-5)	16·49
Fun School 4 (5-7)	16·49
Fun School 4 Over 7	16·49
Megamaths A Level	17·49
Merlin Maths (7-11)	16·99
Micro English	16·99
Micro French	16·99
Micro German	16·99
Micro Spanish	16·99
Micro Maths	16·99
Micro Science	16·99
Noddy's Big Adventure	16·99
Paint & Create	18·99
Primary Maths (3-12yrs)	17·49
Spelling Fair (7-13)	16·99

WE WILL MATCH PRICES!!! NEVER BEEN BEATEN!!! TRY US!!

Please charge my Access/Visa No: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ Expiry Date: ☐☐/☐☐

ORDER FORM

Please supply me with the following for
Computer ....

TITLES	PRICE
POST + PACKAGING	
TOTAL	

CUSTOMER NUMBER

DATE: ____________________

NAME: ____________________

ADDRESS: ____________________

POST CODE: ____________________

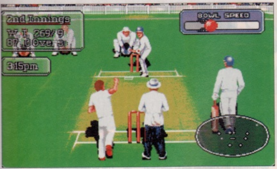
TEL: ____________________

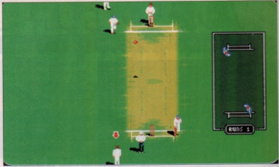
CU AMIGA OCTOBER 94

Please make cheques and P.Os. payable to:-
DIRECT SOFTWARE LTD,
DEPARTMENT CU
UNIT 3, CROSSKEYS SHOPPING MALL,
ST NEOTS, CAMBRIDGESHIRE PE19 2AU.

POST & PACKING:
UK Mainland Free,
EEC £2·00 per item,
Non EEC £4·50 per item.

For customer peace of mind, all parcels are sent by recorded delivery
All items subject to availability.
All prices subject to change without notice. E&OE.
Please allow for cheque clearance.
Some games may not be released at time of going to press.





GRAHAM GOOCH'S CRICKET

TEST MATCH EDITION

Last year, Audiogenic swept the board with their first cricket sim. This year they're going to do it again, according to Andy Nuttall.

The thing that really strikes me about cricket titles is that they're attempting to simulate a game which is quite slow and tedious to watch. While I was always fond of playing cricket back in school, since then I've found test matches only marginally more exciting than snooker in the telly-watching stakes. Every time it's on I find myself vocally urging the bowler to hurry up, especially the allegedly 'fast' bowlers who spend aeons sauntering back from the pitch before getting a good run up for the bowl.

Playing Amiga cricket, though, is potentially much more interesting. Even the poorer cricket simulations which have appeared on the PD scene over the years have been superior to their non-interactive TV counterpart, simply because you have some control over what goes on. A year ago, Audiogenic released *Graham Gooch World Class Cricket*, a game which was widely acclaimed for combining a decent game engine along with believable graphics and sound effects. Always a winning combination, I find.

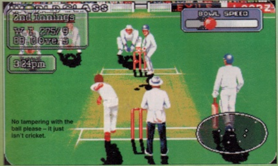
Now, the same company has released a special Test Match edition of the game, to coincide with, er, the Test Match between England and South Africa (which is probably over by the time you read this, incidentally). The improvements are few, but the game presumably warrants an update anyway simply because this is a new cricket season, bringing in new names, faces and, of course, the South African test side, so long out of world cricket.

Gooch Cricket has a comprehensive database of world cricket, pulling in all sorts of data which doesn't just include player's names, but also their abilities and strengths – so you quickly find out which batsmen are the strongest, and where to place the fielders for the best results. For this bit you really need a working knowledge of cricket, but the computer does help you along which means that even beginners soon pick up the basic rules (silly mid-offs, bowling maiden overs, that sort of thing).

The Test Match edition, as well as being more difficult than the original, also includes a long list of actual matches which are saved half-way through so you can continue from where they left off – a bit like "What happened next?" from *A Question of Sport*, except you get complete control. Some of the most popular test matches (apparently) are saved, including the recent West Indies vs England in Antigua (where Brian Lara scored his record-breaking 375 runs), and the perhaps less well-known England vs Australia in 1902. Yes, well …

Thankfully, even though Audiogenic has built a good simulation, the actual in-game graphics are great. Huge sprites form the bowler, batsmen and in-fielders, so the game looks like a coin-op rather than a computer sim, which should satisfy the less cricket-knowledgeable among you. *Gooch Cricket* really is cricket for the masses, because it has something to satisfy everybody, and only some pretty lengthy disk loading to work against it. As a one-player game the Amiga puts up quite a good fight (depending on the quality of the teams being played), but, like most sports games, it's best played with two people.

And hey, even the presentation's good, so while setting up the many options in-between matches isn't exactly a joy, it's not as frustrating as many games of this kind. I can't pretend that *Gooch Cricket* will convert non-believers to cricket, but even if you only have a small interest in the game, *Gooch* will have something for you.



No tampering with the ball please – it just isn't cricket.

CHEAP UPGRADES

If you already have the original *Graham Gooch Cricket*, it might be worth giving Audiogenic a quick bell about a cheap upgrade to the Test Match edition. We're not promising anything, but mention that you read the review right here in CU AMIGA, and you just might get it for, oh, £15 or so.

AUDIOGENIC £29.99

A500 ☑	A500+ ☑	A600 ☑	A1200 ☑
A1500 ☑	A2000 ☑	A3000 ☑	A4000 ☑

AUDIOGENIC SOFTWARE, UNIT 27,
CHRISTCHURCH INDUSTRIAL CENTRE,
WEALDSTONE, HARROW HA3 8NT
TEL: 081 424 2244

RELEASE DATE:	OUT NOW
GENRE:	SPORTS
TEAM:	IN HOUSE
CONTROLS:	JOYSTICK
NUMBER OF DISKS:	2
NUMBER OF PLAYERS:	2
HARD DISK INSTALLABLE:	NO
MEMORY:	1Mb

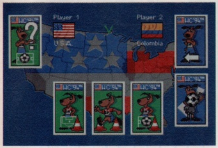
GRAPHICS	83%
SOUND	81%
LASTABILITY	86%
PLAYABILITY	85%

> *A decent update of the excellent original.*

OVERALL 84%

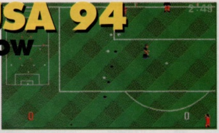
WORLD CUP USA 94

US GOLD £25.99 OUT NOW



It's interesting to note that, although US Gold were pleased as punch about getting the official licence to the *World Cup* held in the United States a little earlier this year, they didn't actually release the product for the Amiga until the event was well and truly over. Obviously this only came about due to programming slippage, as often happens, but it's still quite amusing to see that one of the selling points of the game is that (as the flash across the box proclaims) it contains a free souvenir wallchart, in which you can fill in the results of the matches you finished watching a few months ago. Still, nobody buys a game purely on the strength of the name, so let's brush all that aside and take a look at the product itself.

Naturally, it's an arcade soccer game, along the lines of everything from *Kick Off* to *Microprose Soccer* – a field that has been more than adequately tailored for recently with titles like *Empire Soccer* and *Sierra Soccer*. Unfortunately, it just doesn't come anywhere near as good as either. *Empire Soccer* is fun, *Sierra Soccer* is fast, *World Cup* is bordering on unplayable. The control method is awful, with your players scooting about at such a high speed it's almost completely impossible to do anything with the ball. The ball movement is jerky and unconvincing, and there is almost no sign of computer intelligence at all. A bench test showed that the computer players did the same thing from kick off five times in a row – three diagonal runs and then a shot that goes nowhere near the goal.



Oh dear, not only is the game too late for the World Cup, it's not very good either.

The crowd don't look very happy either and would you blame them

The worst thing about the game is the menu system at the start. Surely football games have evolved far enough to have a menu that you can use without referring to the manual. Maybe US Gold see this collection of meaningless icons as a bit of a problem, or they wouldn't have devoted almost all of the manual to explaining what it is. Basically, *World Cup* is a big let down.

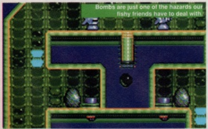
Tony Dillon

42%

* * *

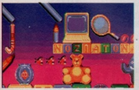
GULP!

ICE £25.99 OUT NOW



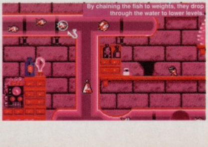
Bombs are just one of the hazards our fishy friends have to deal with.

Gulp! is ICE's first release since the rather ill-fated *Total Carnage*, and it's nice to see that it's actually a reasonably good game. As you can probably tell from the screenshots, it's got an awful lot to do with fish. To capture the essence of *Gulp* in a nutshell, it's *Lemmings* underwater, but with much more interaction with the background.

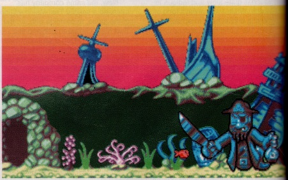


The aim of each level is to get a certain number of fish from the inlet pipe to the exit, while avoiding everything if possible. The player is allocated a certain number of 'morphs', which can be applied to any fish you care to mention. By selecting one of these special abilities and clicking on a fish, you can change them from their usual physical appearance to everything from walls to torpedoes. These different abilities are used to get past various obstacles within the game, and of course you only have just enough of each to actually get you to the end of the level. Tactics is the name of the game here.

The levels are large, and fairly intricately laid out. Most people will find *Gulp!* incredibly hard to play for the first hour or two, simply because there is so much to watch out for, and so much going on at once. Thankfully, you are able to pause the game and scroll around the map, so you shouldn't find it too much trouble planning your route; it's just the execution that's the hard part.



By chaining the fish to weights, they drop through the water to lower levels.



Could it be that the ghost of Davy Jones himself is out to stop you?

Gulp! isn't a bad game at all. Although it sometimes can get very confused on screen, there are some really nice ideas in there. It won't hook everyone. In fact, I don't even think it will hook everyone who liked *Lemmings*. You'll either love it with a passion, or you'll play it once and never look at it again. It's a time-honoured statement, but I think with this one you're really going to have to try before you buy.

Tony Dillon

73%

SO GOOD!
SO AFFORDABLE!
SO BUY THEM!

POWERPLUS

IT'S NOT
JUST THE PRICE
THAT'S HARD TO BEAT

F15
POWERPLUS
MICROPROSE
GS 2000
POWERPLUS
GUNSHIP 2000
MICROPROSE
GRAND PRIX
MICROPROSE FORMULA ONE GRAND PRIX
BY GEOFF CRAMMOND
POWERPLUS
MICROPROSE

You better believe it. The thrills, the spills, the excitement, the graphics, the FX and the mind-boggling challenges- they're all every bit as tough to beat as the price-

£16.99

for each classic game from the masterminds at MicroProse.

NEW FROM
MICROPROSE

SERIOUS SOFTWARE AT CRAZY PRICES

MicroProse Formula One Grand Prix/Gunship 2000 available for Commodore Amiga, IBM PC and CD ROM. F15 III is available for IBM PC and CD ROM.

1984 - 1994
10YEARS OF SUPERB SERVICE & LOW PRICES

TRILOGIC

BS5750 PENDING
ALL PRICES INCLUDE VAT

UNIT 1,
253 NEW WORKS RD,
BRADFORD, UK,
BD12 0QP Est 1984
FAX 0274 600150

SALES 0274 691115

ACCESS VISA
SWITCH DELTA
CONNECT AMEX
SWITCH CARDS ACCEPTED FOR TELEPHONE ORDERS

NO EXTRA CHARGE FOR FITTING.

TRANSFORM YOUR 1200 WITH A HARD DRIVE

80MEG	SAVE £10	now only	£169.99
210MEG	SAVE £25	now only	£209.99
280MEG	SAVE £30	now only	£239.99
340MEG	SAVE £25	now only	£274.99
420MEG	SAVE £50	now only	£299.99

WE FIT WHILE U WAIT - just give us a call to arrrange a convenient time. NOT LOCAL ? Just phone to arrange collection & leave the rest to us.

HURRY ! WE CAN'T HOLD THESE DRIVE PRICES FOR LONG

PRICES INCLUDE:-

- FORMATTED & PARTITIONED DRIVE
- HD PREP SOFTWARE SUPPLIED
- ALL OUR DRIVES FIT INTERNALLY WITH NO MODS TO CASE OR FLOPPY DRIVE.
- FULL WORKBENCH INSTALLED.
- 12 MONTHS WARRANTY.
- JUST PLUG IN & GO.
- ONLY REPUTABLE MAKES of DRIVE USED.
- BACKED BY OUR EXPERIENCED HARD DRIVE DEPT

Fact: No-one knows more than us about Amiga Hard Drives so expert help is just a phone call away 6days per week.

All drives sizes quoted are approximate unformatted size, & vary slighly depending upon make.

FITTING INVALIDATES YOUR COMMODORE WARRANTY

CALL US ON 0274 691115 ALL PRICES inc VAT

D.I.Y.ers

If you already have a drive, the cables are available separately:-

2.5"/2.5" IDE CABLE	£9.99
3.5"/2.5" ADAPTOR & CABLE	£21.99

AMIGA COOLERS

FITTED AN ACCELERATOR ?

As reported in many Amiga magazines, the CPU on these is prone to overheating. This causes unpredictable behaviour - crashes & shortens cpu life. Our range of cooling fans can be fitted by us of supplied for self fit to quickly & quietly reduce overheating adn restore reliability. AVAILABLE FOR GVP A1230, G-FORCE, A530, MICROBOTICS & POWER ACCELERATORS, A4000, OPAL VISION & OTHERS.

FROM £14.99

PRINTERS

FREE STARTER KIT WITH ALL CITIZEN PRINTERS

CITIZEN

CITIZEN SWIFT 90 MONO	£149.99
CITIZEN SWIFT 90 COLOUR	£159.99
CITIZEN SWIFT 240 COLOUR	£229.99
PROJET II INJKET	£209.99
CITIZEN ABC 24 PIN	£149.99
OPTIONAL COLOUR KIT	£24.99
OPTIONAL TRACTOR FEED	£27.99

EPSON

EPSON STYLUS 800	£259.99
EPSON STYLUS COLOUR	£499.99

(Amazing 720dpi capability)

MONITORS

MICROVITEC 1438

14" *HI-RES COLOUR MONITOR*

14" ANTIGLARE SCREEN,
0.28mm DOT PITCH
SWIVEL/TILT BASE,
PRESET AUTO PICTURE SIZE;
TRUE MULTISYNC - WORKS WITH ALL AMIGAS IN ALL MODES.+ PCs (SVGA)

only £292.99 inc leads

OPTIONAL STEREO SYSTEMS

SCREEN BEAT BUDGET STEREO	£19.99
HIPOWER 20WATT STEREO SYSTEM	£49.99

SHARP TV-MONITOR £164.99
14" SCREEN, FULL REMOTE CONTROL, SCART SOCKET,ON/OFF TIMER, 40 CHANNEL MEMORY

PHILIPS CM8833 MK11 £214.99
14" SCREEN, RGB & COMPOSITE VIDEO INPUTS, STEREO SOUND.

MISCELLANEOUS ITEMS

TV MODULATOR (exchange)	£19.99
L520 TV MODULATOR - NEW	£29.99
A500/600/1200 POWER PACK	£39.99

PRINTER PORT EXPANDERS - switchable units for connecting several devices to your Amiga's Parallel port.

2way inc connecting cable	£24.99
3way inc connecting cable	£27.99
4way inc connecting cable	£29.99

SEAL n TYPE KEYBOARD SKINS
Waterproof membranes which seal your keyboard against dirt & moisture ingress but don't hinder typing. State Amiga model when ordering.
All Amigas £12.99

MEGA MOUSE 400DPI	£14.99
LEGEND TRACKBALL	£29.99
SPORTSTER 14400 FAX/MODEM	£154.99
A1200 MONITOR STAND WITH SHELF	£29.99
AMIGA DUST COVERS STATE MODEL	£4.99
PRINTER & MONITOR DUST COVERS	£6.99

VIDEO DEPT

LOWER PRICES

GVP GENLOCK £274.99
COMPOSITE OR S-VIDEO INPUT/OUTPUT

VIDI 12 AGA	£ 69.99
VIDI 12RT	£149.99
VIDI 24RT	£249.99
ZYDEC B/W HAND SCANNER	£109.99
ALFA DATA COLOUR SCANNER	£329.99
GVP EGS SPECTRUM	FROM £139.99
EPSON GT6500 COLOUR SCANNER	£599.99
EPSON GT8000 COLOUR SCANNER	£819.99
ADSC SOFWARE with scanner	£89.99

TOP SOFTWARE

ASDG SCANNER SOFTWARE	£109.99
ASDG PRO CONTROL	£59.99
ALADDIN 4D V3	£199.99
AMOS	£31.99
AMOS - EASY	£24.99
AMOS 3D	£22.99
AMOS COMPILER	£20.99
AMOS PROFESSIONAL	£44.99
AMOS PRO COMPILER	£24.99
ART DEPT PRO AGA 2.5	£149.99
BRILLIANCE 2	£173.99
CROSS DOS V5	£34.99
DAY by DAY	£24.99
DELUXE PAINT 4AGA	£64.99
DELUXE MUSIC 2	£59.99
DEVPAC 3	£64.99
DIRECTORY OPUS V4	£54.99
ECLIPS 1 OR 2	£49.99
EDITMATE	£189.99
FINAL COPY 2 r2 NEW VERSION	£49.99
FINAL WRITER	£79.99
GIGAMEM	£54.99
GB ROUTE PLUS	£35.99
GOLD DISK OFFICE 3	£44.99
HANNA BARBERAS ANIMATION	£34.99
HYPERCACHE	£37.99
HISPEED PASCAL	£74.99
HISOFT BASIC 2	£69.99
IMAGEMASTER RT	£199.99
IMAGINE 3 UPGRADE	£119.99
LATTICE/SAS C V 6.1+	£279.99
MAKEPATH FOR VISTA	£29.99
MAILSHOT PLUS	£39.99
MAXIPLAN V4	£25.99
MEDIA POINT	£299.99
MONTAGE 24	£279.99
MINIOFFICE	£44.99
MONEY MATTERS	£49.99
MUSIC X 1.1	£24.99
PAGESETTER 3	£41.99
PAGESTREAM 3	£249.99
PENPAL STILL ONLY	£35.99
PLAYMATION	£289.99
PROFESSIONAL DRAW 3	£239.99
QUARTERBACK 6	£59.99
QUARTERBACK TOOLS DELUXE	£69.99
REAL 3D PROFESSIONAL V2	£349.99
SUPERBASE PERSONAL 4	£119.99
SUPERBASE PROFESSIONAL 4	£239.99
SUPERJAM 1.1+	£89.99
SYSTEM 3E	£59.99
TERRAFORM	£26.99
TURBOPRINT PRO V2	£35.99
VIDEO DIRECTOR	£109.99
VISTA PRO 3	£57.99
WORDWORTH 3 aga	£99.99

ALL SOFTWARE UK SOURCED - NO GREY IMPORTS

3.5" AMITEK DRIVE

ONLY £56.99

ANTI VIRUS, ANTI CLICK, DISABLE SWITCH, THRU PORT, STEEL CASE, FOR ALL AMIGAS. 2YR WARRANTY.

ACCELERATORS

GVP A1230 MK 2 40MHz

68030ec No MMU

With 68882 socket for optional FPU. Has two 32bit simms skts & expansion connector for SCSI module

No fpu & Omeg	£224.99
1MEG no FPU	£244.99
4MEG no FPU	£424.99
4MEG & 40MHz 68882	£524.99
8MEG	£614.99
8MEG + FPU	£719.99

GVP A1230 MK2 50MHz

68030 with MMU

No fpu & Omeg	£294.99
1MEG no FPU	£314.99
4MEG no FPU	£494.99
4MEG & 40MHz 68882	£594.99
8MEG	£689.99
8MEG + FPU	£789.99
SCSI -2 MODULE	£57.99

TOP GAMES

APOCALYPSE	£19.99
AWARD WINNERS 3	£22.99
BENEATH THE STEEL SKY	£24.99
BURNING RUBBER A1200	£19.99
CANNON FODDER	£22.9
CHESS CHAMPION 2175	£14.99
COMBAT AIR PATROL	£22.99
DESERT STRIKE	£24.99
ELFMANIA	£19.99
ELITE 2 - FRONTIER	£22.99
FIFA SOCCER	£
FLIGHT SIM BRIT SCENERY	£32.99
GUNSHIP 2000 AGA	£24.99
HEIMDALL 2	£24.99
HIRED GUNS	£24.99
IMPOSSIBLE MISSION 2025	£22.99
K240	£22.99
KICK OFF 3	£22.99
SCRABBLE	£22.99
SENSIBLE SOCCER INTERNATNL	£14.99
SETTLERS	£24.99
SIM CITY + LEMMINGS	£24.99
SIERRA SOCCER	£19.99
SIMON THE SORCERER A1200	£30.99
SKIDMARKS	£19.99
STAR TREK A1200HD	£23.99
TEST MATCH CRICKET	£19.99
TORNADO A1200	£29.99
VALHALL + LORD OF INF	£22.99
WILD CUP SOCCER	£19.99
WORLD CUP YEAR	£22.99

CHAOS GAMES PACK
SYNDICATE, CHAOS ENGINE, PINBALL DREAMS & STRIKER
ALL FOR ONLY £19.99
FOR A1200 & 4000 ONLY

32BIT RAM CARDS

0MEG	£69.99
1MEG	£97.99
2MEG	£134.99
4MEG	£194.99
8MEG	£389.99

BATTERY BACKED ON-BOARD CLOCK & FPU SOCKET

Made by Amitek

WITH OPTIONAL 68882 FPU.

20MHZ FPU ADD	£49.00
25MHZ FPU ADD	£59.00
33MHZ FPU ADD	£69.00
40MHZ FPU ADD	£99.00

AMIGA 500 HARD DRIVES
PHONE FOR PRICE & AVAILABILITY

A1200 CD ROM DRIVE
£197.99

CD32 EXPANDER/HARD DRIVE MODULE £197.99

BACKUP UTILITIES

X COPY PRO	£25.99

Inc MK2 Cyclone adaptor.

MK 1 CYCLONE ADAPTOR	£9.99

NB. Making copies without the permission of the copyright holder is illegal.

EDUCATIONAL

ADI JUNIOR RANGE	£14.99
ADI RANGE	£17.99
DISTANT SUNS V5	£49.99
FUN SCHOOL 3 RANGE	£14.99
FUN SCHOOL 4 RANGE	£17.99
FUN SCHOOL SPECIALS	£17.99
KID'S PIX	£19.99
MERLINS MATHS	£17.99
MICRO ENGLISH	£17.99
MICRO MATHS	£17.99
MICRO FRENCH	£17.99
MICRO GERMAN	£17.99
MEGA MATHS	£17.99
NODDY'S PLAYTIME	£17.99
NODDY'S BIG ADVENTURE	£17.99
PAINT n CREATE	£17.99
SPELLING FAIR	£17.99

BOOKS & VIDEOS

MASTERING AMIGA DOS 3 VOL1	£21.95
MASTERING AMIGA DOS 3 VOL2	£21.95
MASTERING AMIGA AMOS	£19.95
MASTERING AMIGA ASSEMBLER	£24.95
MASTERING AMIGA C	£19.95

AMIGA TUTORIAL VIDEOS AVAILABLE - PLEASE ENQUIRE

FAST PROFESSIONAL MAILORDER SERVICE. SAMEDAY DESPATCH*

1) Order by phone using your credit, charge, or debit card.
2) Order by Mail - sending cheque bankers draft or postal orders payable to TRILOGIC.
3) Please add part postage & packing of £1.00 to orders under 1kg. Large/ heavy or fragile items sent by carrier only: 48HR £5.50; Overnight £7.50 Uk Mainland only. Scottish Highlands £9.50; N.IRELAND. £12.00; EIRE +£20 UK Saturday delivery £14.00 (Not available to Scottish Highlands)

*Subject to goods being in stock.
All orders are accepted subject to our standard Terms of Business.

DONT'MISS OUR ATLAS PCs

ATLAS TURBO 25MM 486SX25, 4MEG, 210M HD, CD, SS	£949 + VAT
ATLAS TURBO 33MM 486DX33, 4MEG, 210M HD, CD, SS	£999 + VAT
ATLAS TURBO 66MM 486DX2-66,4MEG, 340M HD, CD, SS	£1199 + VAT
ATLAS PENTIUM 60 PCI 8MEG RAM 420MEG HD,	£1699 + VAT
ATLAS PENTIUM 66 PCI 8MEG RAM 420MEG HD,	£1799 + VAT

SUPERB SPEC:
< VL MOTHERBOARD
< 256K CACHE
< 1MEG WINDOWS ACCELERATOR
< CD ROM DUAL SPEED MULTI SESS
< 3.5" FLOPPY
< 14" SVGA COLOUR MONITOR
< MSDOS 6.22
< WINDOWS 3.1 & MOUSE
< SOUNDBLASTER PRO + SPEAKERS

486 PRICES INCLUDE CD ROM, STEREO SOUNDBLASTER PRO & TWIN SPEAKERS

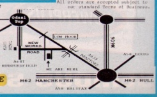
LOWEST PRICES IN THE AREA FOR all PC PARTS:- (all + vat)
CASES FROM £40, MOTHERBOARDS FROM £76, GRAPHICS CARDS FROM £29, KEYBOARDS FROM £20, SVGA MONITORS FROM £139, PANASONIC 563 CD ROM DRIVE £129, SOUND CARDS FROM £47, + POPULAR PC LEISURE SOFT ON DISK & CD, ETCETC

2% surcharge applies to some items paid by Credit card - does NOT APPLY to debit cards - ie SWITCH/ DELTA/CONNECT AND cash/cheq. 4% SURCHARGE ON ALL AMEX CARD SALES

CALLERS WELCOME

PRICES WERE CORRECT AS OF 20-8-94
E&OE. Please phone before calling to confirm price & availability.
(C) TRILOGIC 1994
All rights reserved.

OPEN:
MON-FRI 8-6pm,
SAT 8-4.30
SUN -11-2PM

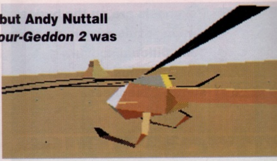


ARMOUR-GEDDON 2

CODENAME HELLFIRE

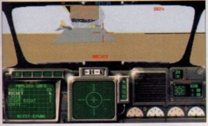
AMIGA
SCREEN STAR

It's been a long time coming, but Andy Nuttall reckons that the all-new *Armour-Geddon 2* was worth the wait. No, really.



One of the most manoeuvrable ways to get around the game – take your chopper to the skies!

What is it about *Armour-Geddon 2* that I find so maddeningly addictive? On the one hand it's a kind of extended flight sim, using all the known MicroProse-style techniques to make you believe you're actually in the air (or rolling along the ground, should you be commanding one of the many ground craft available). On the other, it's a sheer test of nerve and reflexes, as you attempt to juggle between controlling one craft and up to five others simultaneously. Not easy. And on the, ah, third hand, it's packed with strategy as you attempt to rid the world of the disgusting Hellfire.



Taking out a mountain with a missile? Well, it's all-out war isn't it?

It's the future, you see, and Hellfire is an intelligent defence satellite which once threatened to cloak the earth in a nuclear shroud. At the last moment, just before it pressed the metaphorical 'red button', it malfunctioned, and the Earth Defence Network (EDEN) breathed a collective sigh of relief. Now, though, it has begun its countdown to doom again, but this time EDEN, and you, are determined to be ready for the onslaught.

WHIRLYBIRD

The idea behind *Armour-Geddon 2* is to build a rocket which can destroy Hellfire before it does more damage. At your disposal you have a number of air and land craft, some capable of fighting, some carrying cargo. Somehow you have to use all of your resources to mix together all the available components from all around the planet, and create this rocket which could just save Earth. The Hellfire's cunning, though, and has control of a whole army of fighter planes and ground attack vehicles, hell bent on stopping your mission. However, If you can beat these enemies and gain control of their bases, you will capture extra resources (and technology) all of which will help you create a bigger and much more efficient rocket.

The vehicles at your disposal aren't difficult to control (except the helicopter, obviously), and I reckon it's possible to complete the game using each vehicle separately. It's definitely advisable, though, to multi-task and get used to controlling more than one at the same time. Some of the journeys you're likely to make will be shorter than others – moving the larger components of your rocket, for example, will need a good long journey by land – and while that motors along the landscape it's useful to have at least one aircraft solely to defend it against enemy attack.

Longer journeys can be set via a series of coordinates on the main map screen. The craft will then begin moving, and make its way towards your marked destination. Although the vehicles carrying valuable cargo will be armour-plated, you can place guns and other weapons on them so that if they do happen to get stranded in the middle of the desert, at least they're not a sitting target waiting for the enemy to come along.

A shot from the unusual intro sequence.

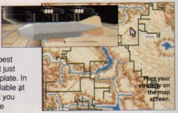
FITTING THEM OUT

Each of the vehicles can be equipped with a variety of weapons and support kit. In addition to the usual list of lasers, there's a range of missiles and nice technical add-ons like night-sights, cloaking devices and teleporters.

Of course, as with all the best games of this type, you're not just handed these weapons on a plate. In fact, most of them are unavailable at the start of the game: instead you have to plough money into the inventions screen, enabling your scientists to busily invent new equipment as you progress.

The enemy is not passive though. It has an intelligent strategy for closing in on your base, knocking you out and saving Hellfire. This is where your strength as a strategist and tactician is tested. For the whole game you need to finely balance your attention between defence and attack, in a way those familiar with *Dune 2* will recognise. Except, of course, *Armour Geddon 2* is played out in excellent first-person 3D.

Armour-Geddon 2 is one of the most difficult games I've ever played, but also one of the most enjoyable. I haven't been tempted to burn the midnight oil to finish it, because I think that's a long way away, but for me it's a game which is nice to dip into every now and again. The balance between shoot 'em up action, strategic manoeuvres and the economics of inventions is superb, making it an all-round game that has something to satisfy everybody. CU



Plan your strategy on the map screen.

PSYGNOSIS £25.99

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

PSYGNOSIS, SOUTH HARRINGTON BUILDING, SEFTON STREET, LIVERPOOL L3 4BQ. TEL: 051 709 5755

RELEASE DATE:	OUT NOW
GENRE:	SIMULATION
TEAM:	IN HOUSE
CONTROLS:	MOUSE
NUMBER OF DISKS:	3
NUMBER OF PLAYERS:	1 or 2
HARD DISK INSTALLABLE:	YES
MEMORY:	1Mb

GRAPHICS	85%
SOUND	81%
LASTABILITY	89%
PLAYABILITY	87%

> *A bit like juggling plates, only fun.*

OVERALL 87%

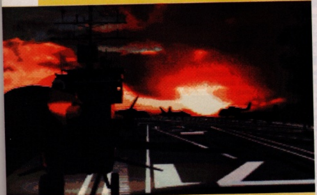
VFM

Psygnosis are on the budget rampage this month, as Tony Dillon discovers when he tries out a little summer madness.

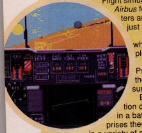
BUDGET

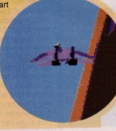
COMBAT AIR PATROL

PSYGNOSIS £12.99 OUT NOW



Just a single frame from the glorious intro sequence. *Combat Air Patrol* is one of the best presented flight simulators ever.





Flight simulators are a funny thing sometimes. Take *A320 Airbus* for example. Extremely popular in some quarters and totally shunned in others. The reason? It's just too realistic for its own good.

Then take something like *F/A-18 Interceptor*, which was just as popular to others, for completely the opposite reason.

Combat Air Patrol was an attempt by Psygnosis to blend the arcade action of one with the realism of the other, and a surprisingly successful attempt it is too.

Basically it's a very fast, very smooth simulation of a multi-role combat aircraft in a battle situation – no surprises there. You get to take part in a variety of missions spread over a campaign, taking out a wide variety of targets with a myriad of weapons. Excitement abounds as you soar over the landscape, pulling almost impossible turns and and humming tunes from *Top Gun*.

Combat Air Patrol has nothing particularly new, but it is extremely playable, although I have to say I doubt the lastability of it. A fun flyabout, and worth getting hold of if you don't want too much of an aeronautical challenge or a flight sim that's overly realistic.

80%

WALKER

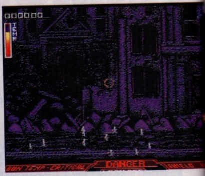
PSYGNOSIS £12.99 OUT NOW

DMA came up with one of the most bloodthirsty arcade games ever when they, with the help of Psygnosis, released *Walker* to the waiting world in February of last year. Coming soon after the release of the first *Robocop* movie, the idea of a large, super destructive walking robot was fairly fresh in most people's minds, but they never pictured something like this – a 40ft tall beast that can fire in all directions, and has gone a little haywire. The army are sent in to take it out, and the player, as Walker, must defend himself.

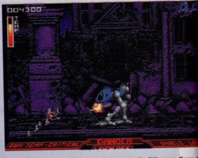
It's an extremely playable and addictive game and has been quoted as being 'A fast and frantic blast that won't disappoint.' The attention to detail is magnificent. Every tiny sprite is superbly animated, and the cumulative effect is one of overload – the game is just stupendously violent.

One thing that most people will find confusing, though, is that you need both the mouse and the keyboard to play the game – the mouse moves the gunsight and the keyboard actually moves your walker back and forth. It all works a lot better than it sounds and before you know it you'll be blowing the little guys out of helicopters faster than you can say: "Die in your beds, you English pigdogs. Ghnarg ghnarg!"

84%



Stomping through the city streets, the 40ft high walker causes chaos and destruction wherever he goes.



Lining up your guns, you prepare to blow away the little guys. If you d
to shoot them, you can walk on them instead.

WIZ 'N' LIZ

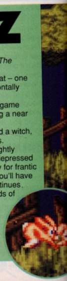
PSYGNOSIS £12.99 OUT NOW

Psygnosis really struck gold when they released *Wiz 'N' Liz In The Frantic Wabbit Wescue* last year, turning it into an unexpected multi-format smash hit. Take a very simple platform game format – one where the two main characters just have to run around a horizontally scrolling, wraparound map, collecting objects. Now make the graphics small and unbearably cute, and then make the whole game incredibly fast, and you're somewhere along the way to creating a near perfect arcade game.

The plot is as strange as they come, the tale of a wizard and a witch, who love their pet rabbits with the fervour of RSPCA activists. Unfortunately one day a potion they were creating went slightly wrong, and all the rabbits vanished, leaving Wiz and Liz depressed and lonely. Getting their furry friends back paves the way for frantic two-player split screen action. At the start of the game you'll have to collect ingredients for potions, then, as the game continues, you'll find yourself doing anything from catching bagloads of bunnies to collecting letters from the alphabet that float oddly above the ground.

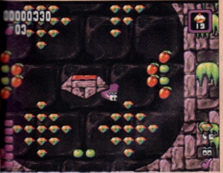
If you haven't got *Wiz N' Liz* yet, then you obviously weren't paying attention when the original reviews came out. It's a great game! So now's your chance to go out and grab yourself a copy, well cheapish. Do so!

91%



GLOBDULE

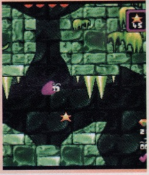
PSYGNOSIS £12.99 OUT NOW



Glob, the little cutie, shows how he can hang upside down without looking the slightest bit scared.

Globdule is a game about a small blue blob who is charged with a mission to collect lots of, er, things. That's about it really. No, I'm sure there is more to it than that: Glob is a sticky blue blob, who searches caverns and other atmospheric locations in search of gems, sweets and cakes. Yes, that's the full story. I knew there wasn't much to the plot.

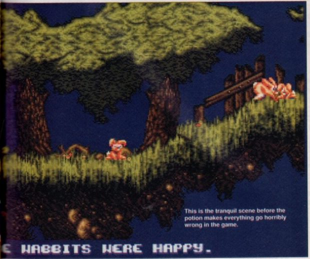
Glob is a capable little chap, able to leap large distances and stick to any surface, with a healthy disregard for gravity. What the screenshots here can't show you is the sprite's fluid animation. When he hits a surface, he 'splats' slightly before returning to his original shape, he also pulls strange expressions, hangs from things in odd ways, and has dozens of other cute movements.



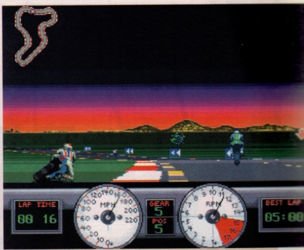
When Psygnosis set out to do a cute game, they do it with style. Just look at *Wiz 'N' Liz* or *Lemmings* to see how attention to minute detail pays off, giving these games tons of character.

While *Globdule* certainly has bags of character, in my opinion it needs something else too, a hook to make me want to play it all the time. Not that there's anything very wrong with it. There just isn't really much to it that's exciting or addictive. Having said that *Globdule* is still worth playing, especially at this price, but there are better games around.

76%



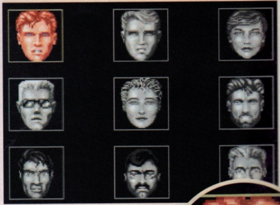
This is the tranquil scene before the potion makes everything go horribly wrong in the game.



PRIME MOVER

PSYGNOSIS £12.99 OUT NOW

If there is one thing that Psygnosis have never really managed to do, it's come out with a good motorbike racing game. Games like *Red Zone* and *Prime Mover* always showed bags of promise, but when they appeared, they just completely failed to deliver. Take *Prime Mover*, for example. Coded by Interactivision – the people behind *The Naughty Ones* and based loosely on *Super Hang On* and all other games of that genre, this third person perspective racer (where the player views themself from behind) has the player racing all over the world, on a variety of similar looking tracks with different backdrops, using a selection of different persona and a choice of bikes.

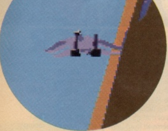


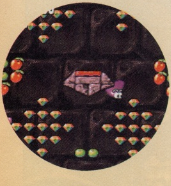
At the start of the game, you have a choice of which of the nine bikers you want to be. I like the one with the moustache myself.

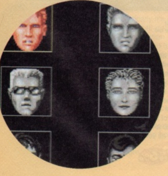
It all sounds marvellous, and in fact at first glance it doesn't look that bad, but when you start to actually play the game, all sorts of problems start to occur. For a start, your bike doesn't really seem to grip the road while the track itself is simply centred on screen with your bike weaving around all over it! This unusual viewpoint means that control is difficult and you really can't judge where you are on the road when it comes to corners. Sure, it's all very fast and smooth, but that counts for nothing when the game itself just isn't any fun to play.

46%

WIN A MONTH'S FUN!







So! Been reading VFM again have you? Hmm ... You've seen how to blow away all the little guys in *Walker*. You've read excitedly about how to take Saddam out with a multi-role combat aircraft in *Combat Air Patrol*. You've giggled at the messy exploits of *Globdule*. You let your head spin trying to orientate the world in *Bob's Bad Day*. You've got out of breath just reading about the high speed scrolling of *Wiz 'N' Liz* and *Prime Mover*, and now you've got your cash ready to rush out and buy these magnificent games.

Well hold your horses. Five of you could actually win a complete set of them. Psygnosis are feeling so nice and friendly this month that they've decided to GIVE the things away. Yes, you could be one of the five lucky winners to get a complete set of the games featured in this month's VFM delivered directly to your door by Psygnosis, personally. Probably.

All you need to do is answer the following three simple questions, which are relevant to some of the games reviewed on the previous two pages, and then send your answers on a postcard to:

'Psyggy Psensation', CU AMIGA, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

292
125
40
35
120
GEAR
BRAKE
FUEL

1. What was the name of the walking robot in *Robocop*?

a) Barney
b) ED-209
c) Ed Parkes

2. What is the name of the programming team behind *Bob's Bad Day*?

a) The Bump
b) The Lid
c) The Dome

3. What kind of vehicle do you ride in *Prime Mover*?

a) A motorcycle
b) A Thundersly Invacar
c) A Roller Skate

There, that wasn't too difficult, was it? So get cracking.

RULES AND REGULATIONS

1. The editor's decision is final, and no correspondence will be entered into.
2. The closing date for all entries, apart from those sent from the Isle Of Wight (only joking) is 29th October 1994.
3. Entries will only be accepted on postcards or the back of sealed envelopes.
4. No member of Psynosis or EMAP Images may enter this competition.
5. There are to be no amusing rules in any CU AMIGA competitions.
6. Apart from number 2, which is quite funny (according to Tony).

PDSOFT

1 Bryant Avenue, Southend-on-sea, ESSEX, SS1 2YD
Tel (0702) 466933
Fax 617123

MasterCard
VISA
WE NOW TAKE
SWITCH

SPECTRUM Emulator v2.0

If you want to run your old spectrum software on the Amiga then this is for you. Superfast on A1200s and A4000s (2)

MEGALOSOUND

Now convert your tape games to Amiga disk format with megalosound. Only £37.99 for both.

£34.99 NEW VERSION

PC TASK v2.0

☐ ^+ New Price £34.99

NEW VERSION

PC Task! It allows you to run the majority of PC Programs. Transfer of files, Runs 500 to 4000, Upto 2 drives & hard drives, Supports CGA, EGA, VGA, Mouse, CD-ROM, and more.

This is best price anywhere around.

COMMODORE64 Emulator (v3.0)

☐ T1000 Full Registered version £54.99
☐ T3000 (T1000+Megalosound) £79.99
☐ T4000 (T2000+Megalosound) £54.99

REPLACE YOUR C64. The interface itself connects your commodore 64 disc drive to the Amiga for direct loading or file transfer. Software will compelty emulate a C64. Load & play software which works just as fast as the original

CDROMS

CDROMs are a growing selection of our library and we now have a seperate half page advert in this magazine. with descriptions

EDUCATIONAL DISKS

☐ ^ + V792 **KIDS GAMES**
Geography Math, Sicence and Word Games.

☐ ^ + V793 **AMIGA BEGINNER**
You asked for it! Tutorial for the beginner!

☐ ^ + V849 **LANGUAGE TUTOR**
Spanish, French, German & Italian.

☐ ^ + V908 **DPAINT TUTOR**
Do you have DPaint, The learn how to use it.

☐ ^ + V927 **CLI TUTOR**
Helpful to understand how to use CLI & Shell

☐ ^ + V933 **GCSE MATHS**
Program to help with the GESE maths course

☐ ^ + V1327 **FRENCH TESTER**
Is mainly for people who are doing french cources and aren't very good at verbs.

☐ ^ + V1328 **READ & LEARN**
This educational program will take your children throught the classic story of the Three little Pigs. move forward and backwards through the computer book. (2)

☐ ^ + V1375 **COUNT & SPELL**
Counting Fun v1.0 and Eraserspell.

☐ ^ + V1381 **WORLD GEOGRAPHY**
An insight into the geographics of the World.

☐ ^ ^ V1402 **(AGA) TUTANKHAMUN**
Double AGA animation come slideshow educational production. (2)

☐ ^ + V1429 **SMARTY PAD**
SmartySnap and OddOneOut. uses colour recognition to identify one picture from four which is different.

UTILITY DISKS

☐ ^ + V16 **AQUARIUM**
Turns your screen into an eyecatching Fishtank.

☐ ^ + V298 **NORTHC v1.3**
Complete C language with all files needed (2)

☐ ^ + V301 **EYE OF BEHOLDER**
Book with Maps, Strategy & Solution.

☐ ^ + V490 **MESSY SID v2.0**
Reads MS-Dos disks, Transfer any text files to & from an IBM PC, ie PC to Amiga

☐ ^ + V523 **DICE C COMPILER**
Matthew Dillons full featured powerful C compiler & environment system. Complete C language (2)

☐ ^ + V536 **CATALOGUES**
A collection of utilities used to Catalog all your disks/ Video tapes and audio tape collections (2)

☐ ^ + V575 **HOME BUSINESS**
Based on word processing, Data Management, Spreadsheets, Accounts & Printing. (6)

☐ ^ + V662 **DCOPY v3.1 PRO**
You can select the speed of the disk drive, Copy modes, Dos, Nibcopy, Ver & safecopy

☐ ^ + V685 **ASTRO ASTROLOGY**
(v3.5c) Best Astrology program on the Amiga

☐ ^ + V719 **FREECOPY v1.8**
Removes protected games copy protection so that the user can install them on HD.

☐ ^ + F691 **PRO C MANUAL v3.0**
Is the largest collection of utilities, documents & examples for C, It consists of six manuals, with over 40 chapters (5)

☐ ^ + V783 **PROGR. TOOLBOX**
Many programs to help in your develop-ment efforts (most C but some in basic).

☐ ^ + V784 **AREXX PROGRAMS**
Selection of programs & finished examples (2)

☐ ^ + V786 **PASCAL**
Everything needed to program in Pascal.

☐ ^ + V787 **PROGR. TOOLS**
GadTools to design your user interface to your own programs using all of DOS 2.0+

☐ ^ + V794 **GRINDER**
Complete graphic conversion package that supports GIF, JPeg, Atari St, PCX, Targa, TIFF, Ham-E and IFF Formats

☐ ^ + V811 **ELECTROCAD**
(v1.42) Electronics drawing Programs.

☐ ! - V817 **A500P EMULATOR**
As it sounds will let v1.3/v1.2 owners run WB v2.x+ software WITH-OUT any need to purchase the Workbench v2.x chips.

☐ ^ + V821 **SNOOPDOS v1.5**
Monitors Doscalls to see what library, devices, fonts are required if a program won't load

☐ ^ + V827 **REPAIR-IT 2**
NewZap v3.3, Sector file editor. FIXDISK v1.2, Recover as much as possible from defective disk

☐ ^ + V841 **MODULA-2**
Contains modula-2 language on the Amiga.

☐ ^ + V888 **TRONI CAD v1.36**
Its the best Computer Aided Design program with excellent power functions for all users.

☐ ^ + V899 **BACK-IT UP**
Newly updated disk which contains ABackup v4.03 A Powerfull backup utility that may be used for Hard Drive backup and File Archiving. it also contains SysInfo v3.23 + BackUp v1.4x

☐ ^ + V928 **LITTLE OFFICE**
Has a Word Processor and others programs to aid a small business or company.

☐ ^ + V942 **SCREEN BLANKERS**
A disk packed with screen blankers. Includes the Twilight Zone blanker along with 10 others

☐ ^ + V949 **TESTS**
Contains all of the classic speed tests and system checks we could find. Includes CPU Speed and system diagnostic tool

☐ ^ + V951 **PROTECTION**
is a collection of utilities aimed to protect your data and autobooting of HDs & Documents.

☐ ^ * V962 **SUPER KILLERS v5.5**
The latest Virus Killers like BootX, Virus Checker v6.41 and the new release of VirusZ II v1.3 kill those's nasty trojans & virus's. (2)

☐ ^ + V979 **NCOMM v3.2k**
Is a comm-unications program based on Comm v1.34 with lots of very nice enhancements

☐ ^ * V980 **KICK v1.4**
Will down grade your A500+, A600 or AGA machines to run all that old software that would NOT normaly work. Turns them into a KS 1.3

☐ ^ * V1017 **POST v1.86**
An excellent Postscript interpreter for the Amiga which implements the full Adobe language (3)

☐ ^ ^ V1021 **(AGA) SCREENS**
Enhance your Workbench disks with backgrounds like these's. All pictures in full AGA colour.

☐ ^ + V1022 **LITTLE TRAVELLER**
(v1.1) Shows a world map, You can select any country for travel information, Zooms up another map with detail.

☐ ^ * V1025 **TERM v4.0**
Communications program with XPR transfer, point-click, auto-upload/download, VT102/VT-220, Ansi emulation, powerfull phone book (3)

☐ ^ ^ V1037 **(AGA) WB HACKS**
An excellent collection of Utilities & Hacks

☐ ^ + V1039 **HARD DISK INSTALL**
If you need to install your A1200 HD then you need this set of disks which can do a low-level format and then install WB 3.0 (2)

☐ ^ + V1041 **DIGITAIL B.BOARD**
Full featured digitail circuit simulator

☐ ^ * V1043 **SUPER DARK v2.04**
A screen blanker like After Dark from the MAC

☐ ^ + V1044 **FANCY PRINTING**
Banner, Graph Paper v1.2 and Disk Print v3.59.

☐ ^ + V1051 **EASY CALC PLUS**
A spread sheet designed to be both easy to use and fast. Built in excellent help system.

☐ ^ + V1054 **ADVANCED UTLS 2**
CDisk doubles the capacity of your D on the fly with compressions. Disk Optimizer, SCSI Mount

☐ ^ * V1055 **PARBENCH**
Software to hookup 2 Amiga's or CDTV's.

☐ ^ + V1056 **DEVELOPER**
The official Commodore developers Kit for the Amiga. AmigaGuide & install utilities.

☐ ^ + V1060 **BOARD DESIGN**
Includes mCAD v1.26 and several terrific routines for the electronic enthasiast.

☐ ^ + V1069 **PRINTER DRIVERS**
Desk-jet 550c, 500, 500c, Ricoh HP1200, Canon BJ300, 130, LPB, 10e, PJ1080a HP Paintjet.

☐ ^ ^ V1070 **(AGA) UTLs 2**
256 colour icon editor, Plamsa256, QuickGrab

☐ ^ ^ V1074 **(AGA) UTLs 3**
Collection of AGA Based utilities. Includes KillAGA Which allows you to run old badly written programs including demos & some games

☐ ^ + V1079 **KEYBoaRD TRAINER**
Best Public Domain Typing Tutor.

☐ ^ + V1091 **ASTRONOMY v2.1**
Calculatoes information about the Sun, Moon, Planets and Constellations.

☐ ^ + V1093 **PARNET SET-UP**
A two way network file system between two parallel ports, establish via two amigas. (2)

☐ ^ * V1095 **THE DEGRADERS**
If you have trouble running software on an A1200 or A4000/030/040 give this disk a try it will emulate the basic 1.3 rom better that any other software on the Amiga at present.

☐ ^ * V1104 **COLOURED ICONS**
Transfer your disks into colourful well presented works of art with this database of excellent icons

☐ ^ + V1109 **STAR VIEW**
Is designed to show graphically the positions of the stars and planets from any point on Earth.

☐ ^ + V1110 **FORCAST v2.01b**
Is a Horse Racing prediction program which uses statistical analysis of Major factors.

☐ ^ + V1114 **PRINT LABELs**
DocDump2.1, Envelope Print v1.2, Inlay Maker v1.4, MC master v1.1, Banner Press, Label Print

☐ ^ + V1129 **RED DRAWF TRIVIA**
The ultimate Quiz and answers game.

☐ ^ * V1134 **TOOLMANAGER v2.1**
Includes the ability to add menus to your Tools menu. add WB icons or Windows. (2)

☐ ^ * V1136 **DISKSALV 2**
is a disk structure, file repair come salvage or undelete utl. HDClick, is a hard drive menu.

☐ ^ ^ V1137 **(AGA) UTLs 4**
Test, BBlank, CheckAGA, CycleToMenu, Doubles, Force VGA, GIF Datatype, PKLadge, PPShow, Rend24, ViewTek and Verlauf.

☐ ^ ^ V1138 **(AGA) UTLs 5**
Degrader, Pov-Ray, AmigaToDouble, Card-MemLast, Palette, Promotor, RomTagMem.

☐ ^ ^ V1139 **(AGA) UTLs 6**
A4091Patch, AlertTimer, Bestid, Clouds, Ham8JPEG, NewPOP, NTSC4NTSC, PatchPointer, PlasmaPCX & Screen Modechanger.

☐ ^ + V1140 **FORECAST v1.2**
This is the latest and most upto date football results prediction program. New instructions

☐ ^ + V1144 **GRAPHICS**
JPEG files, DJPEGGui v37.1, Make Anim7, AGA Animplayback. SAnim-5 v1.1, S-PIC v1.2

☐ ^ + V1156 **VIDEO TITLER**
Can you generate professional looking TV titles and credits for you own videos. Well you can with this, It has outstanding abilities.

☐ ^ + V1161 **GOALKEEPER v1.0**
Computer soccer administration program, Create your own Mini Football leagues upto eight teams.

☐ ^ ^ V1164 **(AGA) A1200 FIX DISK**
Contains all what you would need for getting disks to work on your new a1200 computer.

☐ ^ + V1178 **KS 3 EMULATOR**
This disk is a multi kickstart selection utility disk, You can select Kickstart 1.3 (34.005) Kickstart machine (as it is) Kickstart 3.0

☐ ^ + V1179 **FILE-O-FAX**
Designed for you to work at your own leisure without worrying about forgetting those important meetings, or names, address, tel Number'sect.

☐ ^ + V1184 **AMIGA DIARY**
Is a mouse driven diary capable of storing all persion events and is the solution to those forgotten birthdays, missed appointments

☐ ^ + V1185 **GENIE**
Excellent Genealogist database program

☐ ^ + V1196 **DESKTOP VIDEO**
Is a disk with making and editing your very own video masterpieces. Excellent software

☐ ^ + V1200 **MAGIC W/B**
Is a selection of icons or items to enhance your Workbench screen and enviroments.

☐ ^ + V1207 **OCTASTUFF**
A new collection of utilites come samples come modules for use with the famous OctaMED

☐ ^ + V1208 **OCTAROCK**
Selection of rock orientated modules & samples.

☐ ^ + V1209 **GNU C++ COMPILER**
Requires: HD 6Mb+, Disks consists of the latest version of the GCC environment, The compiler, driver, assembler, linker, header files, inline code generation of libraries. (3)

☐ ^ + V1213 **PROGRAMMING**
Contains the Programming languages like, Ace, AmigaE, AmigaEdo, SBProlog, BCPL4AMI, EGUI, Pascal and others (3)

☐ ^ + V1219 **THE AREXX GUIDE**
Full AmigaGuide document to teach you Arexx!! Tip filled with easy cross referencing.

☐ ^ ^ V1221 **(AGA) BLANKER**
BlitzBlanker has 14 different blankers all ready to show off your AGA machine!.

☐ ^ + V1222 **PANASONIC STUDIO**
Special printer Preferences editor and driver system for all Panasonic 9 & 24 pin printers.

☐ ^ + V1223 **CANON STUDIO 2**
Printer Preferences editor and driver system for 800&880, LBP A1-2, BJC800, BJ510-130.

☐ ^ * V1227 **GADTOOLS**
Contains a collection of shared libraries intended to provide programmers with new GadTools

☐ ^ * V1228 **WB 3.0 UTLs 7**
Contains another excellent helping of new utilities for WorkBench 2.0 and 3.0. Enforcer, A tool to monitor illegal memory access. Assign Manager, A new pref editor. AssignPrefs, PickStartUp, Allows you to select a startup-sequence of your liking. StickIt, replacement for the Post-It note.

☐ ^ ^ V1229 **(AGA) MAIN ACTOR**
(v1.16) A modular anim package with many features, IFF-Anim 5/7/8, IFF AnimBrush, PCX, playing from Hard disk or play in a window. (2)

☐ ^ * V1231 **HD SOUND UTLs**
Contains SoundMachine, QuadraComp An intuition based music tracker that uses the internal sound capabilities of the Amiga. HD_Frequency, Is a HD recording system with many features.

☐ ^ + V1236 **INVOICE PRINTER**
Will print invoices onto your letterheads. Much sort after. Ideally suited to a small business.

☐ ^ + V1242 **RE-ORG v3.11**
is a fast shareware disk optimizer for AmigaDOS.

☐ ^ + V1243 **IMAGE 2.0 OBJS**
Volumes 4 to 7 packed to bursting point of Images for use with that amazing program Image. (4)

☐ ^ + V1247 **TEXTURE MAPS**
in 320x200 JPEG format for use with any rendering programs, textures like Organic, Miscellaneous, Stone, Wood etc. (3)

☐ ^ + V1250 **SOLDERING**
Contains many useful tools for drawing good quality circuit diagrams, and also vero-board (strip board/ solderboard) lay-outs. complete system.

☐ ^ + V1265 **DYNAMIC SKIES**
A big toolbox for astronomy that has, for an ultimate goal, to answer with speed any question that may arise on celestial objects. You can even animate Jupiter's path across the sky.

☐ ^ + V1269 **OCTAMED TUTOR**
A simple guide through the basics of this excellent music program. From OctaMED 3.x upwards

☐ ^ + V1273 **AMICDROM v1.7**
A CD-Rom disk filing system for the Amiga. It supports the ISO-9660 standard and will mount the drive as a dos device. You can even access files and directories on a CD.

☐ ^ * V1274 **KNIT v1.01**
Converts an IFF pic into a knitting pattern. VIDEO MAXE04.20, A video database that satisfies all needs of a private video user. full OS 2.1+

☐ ^ * V1277 **STAR STUDIO**
Printer driver for controlling any printer printer.

☐ ^ + V1278 **MAIL-O-DEX**
An excellent way to keep names, addresses, Phone numbers, ect & then print them out.

☐ ^ + V1279 **PRINT-A-CARD**
Want to print a business card or any other type of card then this is the software for you.

☐ ^ + V1280 **DIVIDEND WINNER**
& PERM CHECK, Is a pools prediction aid which will advise which numbers to enter on your coupon based on sequense prediction.

☐ ^ + V1282 **FOOTY v1.4**
Is a dedicated football database, sit back in your favourite chair with your mouse-mat on your lap & keep track of whats happening in the leagues.

☐ ^ + V1284 **PC FORM LETTERS**
Just load em into your fave WP and insert your own details then Voila! Instant business letters!.

☐ ^ + V1286 **PRINTER DRIVERS**
Now also contains the program called sid for easy installation of the Printer Drivers.

☐ ^ * V1302 **XFH-HANDLER v1.34**
Is a DOS handler which uses xpkmaster.library to provide transparent access to compressed files in a given directory or partition. All compression/decompression is done automatic-ally by the handler when files

☐ ^ + V1303 **SCALA PICTURES**
Pictures in 736x580 16 colour format for use with The program Scala. Theres about 15 pics in total and are very sharp indead. (2)

☐ ^ + V1305 **VIRUS WORKSHOP**
(v3.8) Was produced to get rid of all the viruses around. Takes over where BootX left off.

☐ ^ * V1307 **NETWORKING (3)**
Contains utilities to help aid in Networking your Amigas like AmigaNOS, DNet, Par/SerNet, also contains various update devices and libs.

☐ ^ * V1310 **GUIDES**
Contains AGAGuide, which gives full Amiga Guide information and LibsGuide is a Guide to the Amiga Libraries, find almost every Library.

☐ ^ + V1311 **CD ROM**
Contains a selection of CD Rom related utilities like CDTVPlayer v2.2, PlayCDDA, ReadCDTV.

☐ ^ * V1313 **GBLANKER v2.7**
Is a complete modular screen blanker package designed with DOS 2.04 or better in Mind. 14 Different Blankers and a message system.

☐ ^ ^ V1318 **(AGA) SWERVE**
Is a selection of images for use as backgrops all are in maximum oversan for best results.

☐ ^ + V1319 **MAXIFLIFE**
Enable you to take complete control over your finances. SPENDWIZE is a tool to assist you in maximising your return from your outgoing.

☐ ^ + V1321 **EDWORD PRO v4.1**
Text language editor or Word processor on the Amiga with over 100 features. By M Reddy

☐ ^ + V1326 **COMMANDS & LIBS**
over 100 commands that lie within a directory. and over 20 librarys will spice up your disks.

☐ ^ ^ V1330 **(AGA) COLLECTION**
AGA source code, IFF Binary convert, Sprite Converter, ColourConvert, PPShow, Viewtek

☐ ^^ V1335 **(AGA) LIBS & D.TYPES**
contains 47 Librarys for workbench 3 computers, all are right upto date and just waiting for you.

☐ ^ ^ V1336 **BBC EMULATOR**
Contains special commands to allow existing files to be transferred from a BBC with DFS by means of a cable. BBCs RS423 ports to Amiga RS232

☐ ^ + V1354 **FIVE STAR v1.0**
A powerful prediction tool for LOTTO, POOLS, SWEEP, DIGIT and HORSE (races)

☐ ^ * V1355 **MPMASTER v1.2**
A useful MIDI program that enables to transmit/receive samples via MIDI between the Amiga and any MIDI device. Has a easy workbench interface.

☐ ^ + V1356 **NOERRORS v1.3**
Main function is to hide physical disk errors from floppy disks and hard disks, so these disks can then be used without showing read/write errors.

☐ ^ + V1357 **CITIZON MANAGER**
Superb prints that, have been tailored to suit the Citizen range of printers

☐ ^ + V1358 **10 OUT OF 10 MATHS**
is a suite of six educational games designed to help children get to grips with 36 specific topics.

☐ ^ + V1359 **EPU v1.4**
Double your hard drive capacity by installing EPU. After installing EPU to any Device (HardDisk, Floppy, Rad etc) every file which will be written to the device will be compressed and when any compressed file is read it will be automaticaly decompressed.

☐ ^ * V1360 **WB 2.0 TUTORIAL**
If you are new to the Amiga - WELCOME! There is a lot more options open to you than just playing games. Breaks down the makings of Workbench & make them more understandable to the user.

☐ ^ ^ V1361 **(AGA) 16-COL ICONS**
These icons were beautifully drawn by Roger McVey, and I must add that the originals are the best icons I have seen on any system.

☐ ^ + V1362 **CHECKER TOOLBOX**
Incredible Amiga diagnosis program. Runs self test on all chips, all the ports and even the disk drive! All your hardware is tested and displayed in graphical information. Every Amiga owner should have a copy! Find out what is wrong with your Amiga before going to the repairers to get it fixed. It may save you a bob or two!.

☐ ^ * V1363 **AD&D ASSISTANT**
play-time dungeon master's assistant and CHARGEN.GUIDE v1.0

☐ ^ + V1364 **MAND2000D**
Is meant to be nothing less than the finest Mandelbrot exploration program available on any computer. Lets you make MandelbrotZooms

☐ ^ * V1365 **CDTV-PLAYER v2.31**
A utility for all those people, who'd like to play Audio CD's while multitasking on WorkBench.

☐ ^ + V1367 **CHEQUE-MATE! v1.0**
Will help you control your personal finances. Enter details about cheques, salary, direct debits

☐ ^ ^ V1369 **ENCRYP ALGORITHM**
The Rivest-Shamir-Adleman encryption algorithm is one of several recently developed techniques for encryption which put immensely secure encryption within reach of the home computer user. Non-AGA V1368

☐ ^ ^ V1371 **(AGA) ASI FIX DISK II**
utilities to reclaim lost hard drives, files and check-sum errors, software like AGAFixes, ForceVGA, KillVGA, RunLame, RunPAL v1.1, ScreenModeChanger and Shutup

☐ ^ + V1384 **HOW TO CODE IN C**
Covers Debugging, Intution & Grafik, Kodbibliotek, Tips, Tricks, AnropaAsm FranC, DosIntuition, Workbench-start, DMake, GadToolsBox + Power Source. (2)

☐ ^ + V1387 **PICK OF THE BUNCH**
A collection of 19 wierd moudles from Noodles.

☐ ^ + V1393 **STEREOSCOPIC v2.4**
is a simple package that allows you to create 3D Stereograms. Use any background.

☐ ^ + V1394 **CD-READER v1.1**
is based around the parnet networking system and uses the standard parnet cable if you do not have we can send you one for £9.99.

☐ ^ ^ V1395 **(AGA) JPM PICTURES**
These pics were ported over from the pc by j.p.m. The disks were supplied by t.b.e. (5)

☐ ^ + V1400 **3D STEROGRAM**
3dPicture Show. All images are 3d sterograms.

☐ ^ ^ V1401 **(AGA) GRAPHICS**
Contains AGA Images, Bottles.HAM8, Face-Paint.256 and Thunderbird.HAM8. Attributes, Chrome, Chrome2, Gold, Lipstick, Rubber, Skin and Wood. Iamges, Duet.IFF. Objects, Guitar, Ice Cream, Milkbottle, Mushroom, Television & Thunderbird 3. + Wraps/Brushs

☐ ^ + V1404 **DMS v2.03**
The Device Masher system will compatch a complete disk to a single file on your hard drive. excellent for backing up software disks.

☐ ^ + V1405 **VIRTUAL UTILS**
Contains five utilities containing everything needed for any Amiga user to make virtual memory from their hard drive. The Amiga is fooled into thinking it has massive amounts of RAM when really it only has a small amount.

☐ ^ ^ V1406 **(AGA) VIDEO TRAKER**
Can be used to create stunning demos, intros or vidules as they are called by the Author. The program takes IFF screens, animations, etc and assigns them to particular parts of the sound module yo choose. It can make effects happen whenever certain samples are played

☐ ^ + V1407 **SONIC DRUM KIT v2.0**
You can create your very own drum scores using this fun program. Select from percussion intrum-ents & you'll have a score ready in minutes.

☐ ^ + V1416 **EYE OF THE BEHOLDER**
Selection of utilities like end of level saved game file, Special quests explanation, Character Editor, Eye of the Beholder Solution.

☐ ^ + V1417 **BANNER V1.5**
A smart character rendering utility for - surprise - banners. SNOOPY v2.0 Enables you to monitor library function calls of any library you wish.

☐ ^ + V1418 **VIDEO TEST SYSTEM**
is a collection of 20 test patterns (displayable with any IFF animation viewer) that can be used to evaluate monitors, TV sets, VCRs, and other NTSC video equipement.

☐ ^ + V1420 **SIGNITUR CREATOR**
The Deluxe Signature and Coat of Arms Creator You get a selection of letters for use in your new signiture.

☐ ^ + V1422 **BANK MANAGER**
The trouble with statements is that they only tell you what you have spent after its gone.

☐ ^ + V1423 **TELETEXT V1.2**
This project makes it possible to view Teletext (also know as Teletekst, Videotext, Ceefax, Skytext, Supertext etc.) on your Amiga. It is suitable for any PAL Amiga.

☐ ^ * V1424 **PROGR. DESIGNER**
Was written to make designing Intuition interfaces for your programs easier and quicker.

☐ ^ + V1425 **IMAGINE IMAGES**
All the slides were created by craig collins using imagine in various incarnations. The text slides are 640 x 512 16 colour hires laced and the rest are 352 x 566 ham lores laced. (2)

☐ ^ + V1428 **FOOTBALL LEAGUE**
Select from a list of all the players and then send in your details in to play in a play-by-mail game with other people.

☐ ^ + V1430 **N.D.U.K V37 (4)**
Programming Tools. Portions of the Commodore Native Developer Update Kit that can be licensed for separate distribution. Includes the fd files, libraries, startups, C include files, and tools.

☐ ^ + V1435 **GAME WARPER**
This program is a utility which provides hacks for 10 of the most favourite games and a special facility for entering customised pokes into games. This utility requires an Amiga with a 020 (or better) processor and at least 2Mb of RAM. By D.C.Taylor. 020 version

☐ ^ + V1436 **ABANK V1.0**
It is about to easely manage accounts. This software holds numerous options which are detailed in the documentation (in ASCII format and in AmigaGuide format). It's compatible from 1.2 to 3.0 systems.

☐ ^ + V1437 **FOOTBALL ICONS**
Icons to found on this disk are: All the teams at this years World Cup Finals plus a whole lost of loosers who didn't make it including Scotland, England, Wales & Northern ireland, Plus the entire Scottish and English Premier Leagues plus top european league sides plus four drawers specifically for Rangers, Manchester Utd, Celtic and Newcaster Utd fans crammed full with icons.

☐ ^ + V1438 **WB 3.0 SCREENS II**
Enhance your workbench disks backgrounds with theses nice full colour pictures. Can be used as backdrops for you workbench.

☐ ^ + V1439 **AMIGADOS REFER GUIDE V1.0**
The first and only Amiga Dos reference Guide on the Amiga range hits the computer disk.

☐ ^ + V1440 **DATAMASTER**
This database has many good features including a maximum of 99999 records in one database and up tp 256 fields in one record. There are extensive searching facilities and printing possibilities. Very good.

☐ ^ + V1442 **ROME [GCSE LEVEL]**
This disk is aimed at those at school or anyone else studing ancient Rome around 300 AD. Lots of information. Good educational tool.

☐ ^ * V1443 **HCE V1.0 (2)**
C Compiler environment for the Amiga. By Detlef Wuerkner modified Compiler and Editor source codes so as to be able to combine the two and make a single program. 'HCE'. By Jason Petty.

☐ ^+ V1445 **SPK & SPELL MATHS**
An educational quiz game with speech. SPELLING, Animal Words, Colour Words, Dates and Days, People and Jobs and more. MATHS, Maths Practice, Get other Maths Questions, Set level etc. Ages 4-7.

☐ ^ + V1446 **APLUSPLUS V1.01**
The A++ Library is a libary written in C++ that consists of classes assigned to the task of encapsulating the Amiga® system software. Its aim is to provide a stable and effective method of programming the Amiga. (3)

☐ ^ + V1462 **AMIGA FAX V1.4**
Is a software package that, in combination with a FaxModem, allows you to send and receive facsimile information from your Amiga computer. Received faxes can be viewed, printed, forwarded to other fax machines and saved as ILBM files which can then be accessed using many standard Amiga programs.

☐ ^ + V1447 **AWARD CONSTRUCT**
A very handy tool for creating your very own awards and certificates. There are many styles, fonts and graphics to choose from.

☐ ^ ^ V1448 **GAMES HD INSTALL**
Provides you with the software needed to install certain games onto your A1200. The games that this disk can install are BodyBlows, Goal, Lemmings 2, Superfrog, and Walker. Could be very usefull

☐ ^ ^ V1451 **(AGA) GATHERING 1994 GRAPHICS PACK 1-6**
A truely excellent set of AGA pictures. The pictures are displayed in a slideshow and the artwork is exceptionally good. (6)

☐ ^ + V1457 **FANATICS GUIDE TO COMPUTERS (2)**
This is a very long and amusing set of pencil drawn cartoons which follow the theme of computer fanatics and the problems they encounter.

GAME DISKS

☐ ^ + 1060 **STAR TREK: TNG**
This is a stratergy based Star Trek in which you control the Enterprice

☐ ^ + 1081 **ULT STAR TREK**
This is probley the most famious of the games here with great graphics and sound.

☐ ! - 1073 **TETRIS ORIGINAL**
This is the closest game to the original tetris

☐ ^ + 1749 **SCRAMBLE**
Original that old classic game from the arcades

☐ ^ + 2220 **STRATEGIC GAMES**
Eternal Rome, Lords of Hosts, In Moonshine.

☐ ^ + 2221 **MIND GAMES 21**
of the best games to challenge your mind

☐ ^ + 2272 **BLACK JACK LAB**
Play all the popular versions of Pontoon

☐ ^ + 2278 **CARD SHARP**
Very well presented selection of solitaire games.

☐ ^ + 2280 **DIPLOMACY (2Mb)**
Strategy, loosely based on World War

☐ ^ + 2432 **GOLDEN OLDIES**
Galaga, Galaxian, Space invaders, Asteriods, Batty & Missile Command the Classic selection.

☐ ^ + 2447 **COINDROP (>)**
Fruit Machine simulator with gamble modes.

☐ ^ + 2480 **FRUIT MACHINE 2>**
As near as poss to the Arcade machines

☐ ^ + 2491 **LEGEND LOTHIAN**
Excellent adv game in the vein of Ultima.

☐ ^ + 2498 **AMOS CRICKET**
Arcade cricket simulator with nice graphic

☐ ^ + 2617 **GOLDEN OLDIES 2**
Croak, is a 1 or 2 player Frogger. BiPlanes is 1 of the most additive games we've played here. Trail-Blazer, as the C64 Classic. Scramble.

☐ ^ + 2622 **DONKEY KONG**
Platform game in which you must rescue the girl.

☐ ! + 2738 **AIR TRAFFIC CONTR**
Try to guide upto 100 planes into the AirPort

☐ ^ + 2987 **BOMB JACKY**
Conversion as the original Bomb Jack

☐ ^ * 2988 **BALDERS GROVE**
its here Boulder dash with a selection of levels that work fully on Workbench 2. or higher

☐ ^ ^ 3040 **TETRIS (AGA)**
If you like tetris, you need this disk.

☐ ^ + 3075 **18 HOLE GOLF**
Fully selectable speed and power functions com-bined with surpub graphics and sound. (2)

☐ ^ * 3287 **ROAD TO HELL [2Mb]**
Is an over-head view driving game like HotRod. Theres a helping extra which can be bought from the shop like types, Engines, Rockets etc

☐ ^ + 3310 **STARBASE 13**
Is a graphical adv simular in style to monkey island & Operation Stealth. A brilliant game (2)

☐ ^ + 3370 **DIGITIAL TETRIS**
Is a 1 or two player Tetris game with neat graphics

☐ ^ + 3411 **KINGDOMS - WAR**
This is a 1 to 4 player Risk type game with neat and colourful graphics and presentation.

☐ ^ + 3414 **CONQ & DOMINATE**
Strategy war game in which you can battle with troops, Tanks, Guns, Planes, Bombers, Battle ships. Replace ammo, trains, tankers, etc

☐ ^ + 3434 **MR MEN OLYMPICS**
Heres a fast action joystick waggling game for all true Olympians or just crazzed Mr Men. (2)

☐ ^ ^ 3436 **MOTOROLA INVAIDA**
Its just another excellent AGA very large graphics space invaider type game. (2)

☐ ^ ^ 3454 **(AGA) KLODIKE**
Fancy a game of Klodike with AGA graphics. (3)

☐ ^ + 3465 **ROBOULDIX**
Is a action puzzle game with 32 colour graphics, over 500 different objects, and is a variant on the most excellent arcade classic BoulderDash.

☐ ^ * 3619 **GNU CHESS 4.0**
It contains a nice graphical user interface (menus, use mouse to move pieces ect.) The advantages of this program over that others are GNU Chess is a much stronger chess playing program.

☐ ^ + 3761 **COLONAL QUEST**
Is the best stratergy world conquest and domination computer board game on the amiga.

☐ ^ + 3766 **SMASHING TETRIS**
Another tetris variant game with excellent colourly exiciting graphics.

☐ ^ + 3803 **A DAY AT THE RACES**
In which you can run a horse racing stable with a selection of options. Run a stable of horses.

☐ ^ ^ 3804 **(AGA) MEGABALL**
the best Amiga bat & bat game ever. New Bats, bricks, sounds extra levels.

☐ ^ + 3814 **HIGH OCTANE!**
Stunner of a game in the vain of HotRod! You get an overhead view of the race course.

☐ ^ ^ 3819 **(AGA) TO THE DEATH**
Just has to be purchased because its brilliant. The Best Karate type game around. Select various characters and special moves.

☐ ^ + 3820 **DOG FIGHT**
BiPlane but with better graphics, sounds, extra long screen sizes, split screen play.

☐ ^ + 3829 **TANK COMBAT**
The excellent VCS game called Combat, only tart-ed up a bit and with different gameplay variations.

☐ ^ ^ 3839 **GEORGE GALAXO**
AGA platform. You control a beach bum with a machine gun and must fend off all kinds of enemies

☐ ^ + 3841 **KRILLIAN INCIDENT**
Take control of a federation starship & travel the known galaxies defending outposts from certain factions of the race called the Krill. This game is in a way similar to games such as Elite and Epic.

☐ ^ + 3842 **MR.BROWN STONE**
This is an arcade puzzle game in which you have to move a cave man (Mr.Brown Stone) around various different types of caves.

☐ ^ + 3843 **BUZZBAR**
Navigate your ship through space trying to rescue astronauts whilst taking on waves of alien crafts.

☐ ^ + 3844 **MOOSE DRIVE**
Driving simulator that is shown isometrically on the screen. cars are all three dimensional. Good game in which you not only race against the ever improving computer cars but also customise your car and purchase new parts.

☐ ^ + 3846 **TANX 'N' STUFF**
The screen is divided into four and then each player drives his or her tank around the countryside in search for the other three tanks which must be destroyed.

☐ ^ + 3848 **PARADROID 64**
Take remote control of a robot and try to complete a massive mission in this arcade shoot'em up.

☐ ^ + 3849 **QUANTUM**
Collect as many extra power ups, lives etc.. before continuing to find the exit & progressing to the next of many challenging, large maze type levels.

☐ ^ + 3850 **RAGS TO RICHES**
You must try to build hotels in any of the four countries on the board. Those being; Spain, Africa, England and America. The winner is the player who comes out with a balance of over ten million.

☐ ^ + 3851 **BLITZ**
Jet fighter in this horizontally scrolling shoot'em up. You must take on numerous and varying types of enemy aircraft whilst trying not to be shot down and to keep your score as high as possible.

☐ ^ + 3852 **FANTASY PROJECT**
A tool for creating your own graphic/text adv. Includes a ready made game which can be played.

☐ ^ + 3853 **TROOPER**
Shoot'em up in which you must fend off an infinite supply of enemy attack craft which, if allowed close enough, will open fire on you. Good graphics.

☐ ^ ^ 3864 **(AGA) MISSILES**
You must defend your city of Xenon in this futuristic nuclear war game. First purchase all the weapons and defences that you need, then you have to shoot down the waves of enemy missiles which come in all shapes and sizes. Superb graphics & sound. (2)

☐ ^ + 3868 **X-BALES**
is a puzzle game in which you must build a circuits to steer both balls into the proto box. Both dynamic & static objects to steer the balls in different ways.

☐ ^ + 3874 **ONSLAUGHT v1.0**
is a space invaders type game in which you can move left and right and must shoot at waves or Onslaughts of alien attack ships etc.

☐ ^ ^ 3885 **IMPERATOR**
A strategy game for one player in which you must conquer the world. Contend with barbarians, plagues, rival empires and your own commanders.

☐ ^ + 3897 **TASKFORCE**
is in fact quite a complex, strategic war game in which you control a taskforce of five men.

☐ ^ + 3900 **DELUXE GALAGA**
is a space invaders type shoot'em up with very good graphics and sound. Must fight of waves of aliens & collect different power ups as you go.

☐ ^ + 3902 **GALAXY BLAST (K)**
Control an alien vehicle & skim over the planets surface attempting to blast away all enemies whilst trying to free prisoners who are kept captive there.

☐ ^ + 3904 **SOLAR LORDS**
An excellent war gaming game with loads of features like, personal rating, income per turn, credits, military power, luck rating, strategic power, science rating, capital ship status, etc.

☐ ^ + 3908 **RAISE THE TITANIC**
You must manouvre your sub marine around the inside of the ship in an attempt to raise her by shooting out certain points inside.

☐ ^ + 3909 **TOOLBOX**
In this game you must move a teddy bear around his toybox in order to destroy all the bad toys by pushing toy blocks into them.

☐ ^ ^ 3914 **(AGA) BEETLE**
Platform puzzler in which you must manoeuvre the beetle around various levels collecting all kings of fruits and other power ups.

☐ ^ + 3915 **STEEL DEVILS (K)**
This game is played with a minimum of two players. The idea of the game is to destroy your opponents within the realms of various different levels. Different weapons can be collected as well as other power ups.

☐ ^ + 3918 **STEWARDS ENQUIRY**
Ever played one of those horse racing games on an old 8 bit machine. Well this is just like those. Up to eight players can bet their money on horses which race before your very eyes.

☐ ^ + 3919 **MINESWEEPER**
A classic puzzle game often found on Windows. You must uncover squares without hitting mines and try to work out the where abouts of the mines and marking them.

☐ ^ + 3920 **TIMELESS EMPIRE**
A text adventure in which you can vertually decide the result yourself.

☐ ^ + 3930 **CAFFEINE FREE**
Shoot'em up has excellent grx & an addictive gameplay. You must take on various attack waves, which become increasingly difficult.

☐ ^ + 3931 **THE OLMPIAD (2)**
A cross between track and field and lemmings. You must take control of a lemming and guide him through many different events such as swimming, rowing and even chariot racing.

☐ ^ + 3933 **GALAXY WARS**
You must control a missile launcher in this game. First you need to position your launch pad so that you have a clear strip of space above you then you must launch the missile which you can then control by moving it from left to right or by firing the rocket boosters to speed it up.

☐ ^ + 3935 **ARACHNID V1.1**
Build a stack of cards in the same suit from King to Ace and remove the stack from the table to the stacks above. When all eight stacks have been built and removed.

☐ ^ + 3936 **DEEPSPACE V1.6**
Is an ansi/ascii text space role playing game. Includes mega enhancements from our original Ansinet release and a few bug fixes. CYCLESHIT This Light Cycles game allows you to design the courses in any paint package.

☐ ^ + 3938 **GLADIATOR V1.0**
Arena combat wargame that runs in WB window. Strategy game, similar to a chit wargame or boardgame. You control 1 or more characters (which can be magic users or fighters) and the computer controls an opposing team.

☐ ^ + 3939 **IMPERIAL V2.65**
Oriental game in which you have to remove tiles from a layout (like Shanghai). Every game has a solution and there's a layout editor.

☐ ^ * 3940 **DUALMAZE V1.3**
Solve two mazes at the same time! Single player game using the dual playfield feature of the Amiga to provides unique challenge. Scrolling graphics, music, and new mazes each time you play!

☐ ^ + 3941 **PLANET FALL**
Great (and hard) Lunar Lander type game. Two levels of a great lunar lander type game, with nice sounds and fun action. Includes 68000/68020 and 68030 versions.

☐ ^ ^ 3942 **PLANET FALL**
Great (and hard) Lunar Lander game. 2 levels of a great lunar lander type game, with nice sounds and fun action.

☐ ^ * 3943 **(AGA) YATZOOIE II**
Is a throw the dice game like you have seen before but it is fast and supports AGA. Author Ken Winfield.

☐ ^ + 3944 **MOONROCKS**
Recent news reports indicate a famous dead rock star has been sighted on the moon. Your mission, if you choose to accept it, is to find the rock star and land near him.

☐ ^ * 3945 **SPHERES OF INFLUENCE**
Is a strategy game of galactic colonization for one to eight players one of which must be human.) Hard drive installable. 1 Mb of CHIP

☐ ^+ 3946 **MIND GAMES 4**
Jim's Video Poker v1.0, Lazymines v1.0, Mastermind v1.6, MineSweeper, Montana v1.2, NineMen v1.6, SCS v1.0, Washer, Ying & Yang.

☐ ^ + 3947 **FOOTBALL MANAGER**
This is probably the best Football Manager game currently on the market. By Datasoft

☐ ^ + 3948 **SENSITIVE**
Your stuck on a board simular to a chess board but with squares missing. You have to Move around the board after passing over a square it will dissapear!. You have to end on the end square to complete the level.

☐ ^ + 3949 **INDUSTRIAL ESPIONAGE**
Is a game for 1-4 players who each take on the role of a spy attempting to steal secrets from a company. Along the way you must search rooms, plant bombs, shoot guards/other spies and access computer terminals in order to complete your mission.

☐ ^ + 3950 **SPLOGGY**
An excellent platform game in the style of Super Mario World, Totally Brilliant recommended for all its nice colourful graphics and playability puts this game at the very top end of the public domain and shareware market.

☐ ^+ 3952 **(AGA) KLONDIKE EXTRA CARDS 3-7 (5)**
Contain Extra card sets for use with Klondike.

☐ ^^ 3958 **(AGA) TETRIS DUEL**
This tetris clone is for those of you with AGA machines only. The graphics are very good and so is the gameplay. There are a few extra features such as bombs and other things that drop down instead of the normal blocks.

☐ ^^ 3959 **(AGA) KNOTTY**
This AGA game involves the simple rearranging of a picture that has been divided up into thirty six sections. The graphics are very good and the game is quite tricky.

☐ ^+ 3960 **ANDROID ARENA**
You must move an android around each level shooting any enemies and avoiding any flames that might happen to be bursting from the floor boards.

☐ ^ + 3961 **MORTON STRIKES BACK**
colourfull cartoon platform game starring Morton. The game has very good graphics and scrolls very smoothly.

☐ ^+ 3962 **INTENSE II**
A shoot'em up in which you are one of a marine corps. You must shoot any aliens or other enemies that you might come across in this Alien Breed style game.

☐ ^ ^ 3963 **(AGA) HOI PLATFORMER**
Good cartoon platformer by Team Hoi. The graphics are excellent and the gameplay is good.

☐ ^ + 3964 **SUPERLEAGUE 3**
This is a utility for compiling and storing football results. It allows you to build up a league and or cup database easily and then allows easy access to all the information. One for the football fans.

☐ ^ + 3967 **ERIC SCHWARTZ MORPHY THE MAGIC MAN**
This is Eric's latest addition which stars a little magician charactor who acts out a magic show that ends with an interesting little twist. (2Mb)

☐ ^ ^ 3968 **ERIC SCHWARTZ MORPHY THE MAGIC MAN AGA**
This AGA version has even better graphics but needs twice the memory. (4Mb)

☐ ^ + 3969 **OVERLANDER**
Moonbuggy. You take control of a moonbuggy and must navigate the planets surface whilst shooting both ground and air targets.

☐ ^ ^ 3971 **(AGA) BACMAN**
This game is an AGA pacman clone which uses the full 2 meg of your machine. Not very exiting, quite good graphics.

☐ ^ ^ 3972 **(AGA) ZOMBIE APOCALYPSE 2**
This is the sequal and it is better. With improved graphics and sound effects this game is even more gorey than it's origanal. The gameplay is operation wolf style and is full of blood.

☐ ^ + 3973 **KNIGHTS**
A very good new adventure type arcade game for two players. You are each a knight who is patrolling the dungeons. There are many items to collect and if you see each other you can have a fight. Excellent graphics and gameplay.

☐ ^+ 3974 **BUCK TOOTH BOB'S JUNGLE ADVENTURE**
This is a quite amusing platform shoot'em up. The idea is to blow as many birds and other jungle animals apart as possible with Bob's trusty double barralled shot gun!

☐ ^ + 3975 **AUTOMOBILES**
A cute little racing game which is a bit like skidmarks but on a very small scale. The game can be played with up to three players at once. Good graphics and loads of options like new tracks and different control methods. Great.

☐ ^ + 3976 **PEEBEE**
A very cutey little shoot'em up in which you are a bee. The game scrolls up screen through garden like levels in which you can shoot just about anything. Good graphics.

☐ ^ + 3977 **Q-BIC**
This is a very good clone of the game QBert. You need to colour all the squares of a pyramid in this puzzle game.

☐ ^ + 3978 **SPACE TAXI**
You must thrust your space taxi through space collecting passengers from various platforms and then dropping them off again at other platforms. The catch is that you have to control your undercarriage. Very addictive.

☐ ^ + 3979 **OBLITERATION**
Good shoot'em up in which you are trapped in a room with a lot of asteroids. Blast these to pieces and collect all kinds of power ups to help yourself along.

☐ ^ + AS159 **DRIVING MANIACS**
Best racing game ever seen on PD with solid 3d graphics including Scenery, Track and car details

☐ ^ + ASS176 **SPORTS CHALLENG**
is an athletics/sports game which includes the following sports; Swimming, Clay pigeon shooting, Gymnastics and Archery, Diving, Target shooting, Sprinting

☐ ^ + ASS181 **MUTANT PENGUIN**
You control a penguin who must escape each level by pushing blocks of ice into the green blobs that are getting in your way.

PAYMENT DETAILS

Make Cheques, Postal Orders (not crossed), Euro cheques & Bankers draft's out to PD-SOFT. Credit Cards & switch cards (min order on switch of £15.00) can be used. Oversea's Cheques Must be Drawn on a UK Bank (No oversea's Postal Orders). For fast despatch Cleared funds.

ORDERING BY POST

Please tick the boxes to the left of the disk numbers with a Pen, Hi-Lighter or put on/in the disk (x) you would like to order. Hand written orders are also accepted. Orders with cleared funds will be sent out by return.

PD & SHAREWARE

The Disks contained within this advert are Public Domain or Shareware unless otherwise stated. Please remember that the cost you pay us is for the duplication & handling costs incurred, not for the programs or the contents of the disk(s). Remember that Shareware is not FREE and if you like it, Register it

OVERSEA'S ORDERS

Please add £2.00 to the our normal postage charges to cover the extra Airmail costs.

DISK PRICE'S -

(£2.00 @ disk) 5 Disks £10.00+£1
(£2.00 @ disk) 6 Disks £12.00+£1
(£1.80 @ disk) 8 Disks £14.40+£1
(£1.60 @ disk) 10 Disks £16.00+£1
(£1.57 @ disk) 14 Disks £22.00+£3p
(£1.42 @ disk) 24 Disks £34.00+£5p

COLLECTING DISKS

PDSOFT. Unit 2, 6-8 Denham Road, Southend-On-Sea, ESSEX, SS1 2YD.

Your Name	
Address	
Post Code	Telephone No (Day time number)
Card Card No	Expiry Date
I am ordering from: Name of Magazine	I enclose cheque/PO (or please charge my card) for £

Tick if you have ordered before.

VALHALLA

AND THE LORD OF INFINITY

PART 2

In part two of our complete solution to *Vallhalla*, Lisa Tunnah guides you through the second level of this great adventure game.

Welcome to level two, territory of the shamen. In the first room operate the floor tile with a hole in it and take the raw chicken. To open the door put the chicken on the grill, cook it and then feed it to the stone beastie.

Hunt around this section of corridor until you find another floor tile you can operate. Take the key from under the tile and open the door round the corner. Pull the lever then enter the room where the Shamen of Time bars your way. Take the small tile and operate the floor tile, under it is a strength potion

Go back to the previous room, drink the strength potion. Pick up the urn and get the chest key that lies behind it. This key fits the chest in the room where you started, so go there and pillage and plunder to your heart's content, you should now be the proud owner of the book of hours and a wind charm.

Put the stick in the hole which is nearby, operate it to open the door to the room where the Shamen of Impurity is lurking. Put the book of hours in the fourth dimension and take the watch, there is another lever in here that opens a door to a passageway, this is a shortcut that will prove useful later on.

What could be under that broken paving stone? Try it and see!

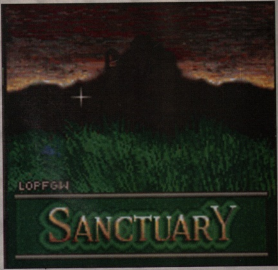
Put the watch on the altar next to the Shamen of Time, if you give Shamen the wrong objects they tend to get cross. After receiving the watch the Shamen allows you into the room behind him, take care though as the door slams behind you. Pick up the silver key and melt it on the grill, put the liquid metal on the key stone and take the new key that fits the door.

Find the room this door conceals, inside you will meet the Shamen of Holy Trinity. Operate the floor tile and take the cheat key that fits the chest in the room of the Shamen of Time. Take the tankard and fill it with ale from the room below. Put this on the mould and present it to the Shamen of Impurity. You can now walk safely past him.

Find the operable floor tile and take the resist cold potion, drink this and take the ice. Put it on the stove and the eye of heaven is revealed, put this on the sundial where it is exchanged for the Stone of Leo. Put this on the lion's head to be rewarded with the sun symbol which when placed on the deactivation stone engraved with the same symbol allows you to remove the first magic ring.

CHASM CRAZY

Head for the room filled with chasms and put the ring on the first altar. This disappears so you can take a door key. Find the door that it fits and operate the floor tile that is hiding a chest key. Pull both the levers and return to the room where the ale is located. Take the ashes and the chest key. Put the ashes on the



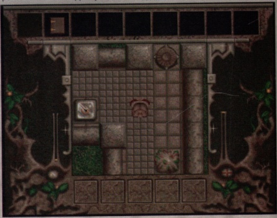
Who says we never give you enough help. Not only are we helpful enough to tell you how to get through the second level of the game, we'll even show you the code to get to the level!

flame of the phoenix and take the wooden cross that appears in its place. Put this on the bible in the closest room to you and take the gold cross.

This is just what the Shamen of Holy Trinity always wanted and he is so pleased that you're allowed passage into the room beyond. Grab the Gem of the Four Winds, the small title and put the red gem on the portcullis that has trapped you, there are two floor tiles to operate, find a chest key and some blood.

This key fits the chest in the room where the Shamen of Impurity lives. Take Arthur's potion and the door key. Open the corresponding door to find a broken stick and the third small tile. Travel back from whence you came and put the stick on the glue to fix it. While you are here put the small

Hmm, some ice and some mould. What should I do next?



tiles down to make a path across the gaping holes. On the other side open the chest and take the gem that's inside. Operate the floor tile and take the wooden symbol.

Find the hole that the stick fits and use the gem to dispel the portcullis. Take the silver stick and operate the floor tile to take the Rock of Selene. Next, find the right hole for your new stick, then pull the lever.

The door slams shut behind you so put the blood on the sacrificial tree to make a lever appear, pull this to escape. Before you leave, pick up the chest key.

This key fits the chest in the room where the Shamen of Holy Trinity lives, take the liquid metal and another wind charm. Place the wooden symbol on the soft stone to make a mould, add the liquid metal and take the gold symbol. This fits a deactivation stone, you can now remove the second magic ring. Put this on the next altar in the pit-filled room, pick up the pound note, put this on the stone of change and enter the next room.

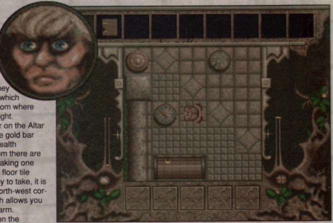
Drink Arthur's potion and and take the sword called Dilos (solid backwards), leave the other one which spells Fragile.

Pull the lever to gain access to the room beyond and place the sword on the chasm so you can cross safely to the other side. Put the werewolf talisman in the water of silver light and take the crescent moon. Present this to the Shamen of the Moon.

Inside the room he was guarding find a gem then find the hole that your green stick fits and operate it. In this next room retrieve a money spider and pull the lever which opens the chest in the room where you found the Sliver of Light.

Put the money spider on the Altar of Affluence and take the gold bar which the Shamen of Wealth requires. In this next room there are four silver keys, before taking one read the book under the floor tile which tells you which key to take, it is actually the key in the north-west corner, this fits a door which allows you to steal the last wind charm.

Put the wind charm on the weather vanes to gain access to a small font, place in here the gem of the four winds and take the gold symbol. Put this on the corresponding deactivation stone to disarm the device protecting the third magic ring. Place this on the last altar in the room where you disposed of the other magic ring.

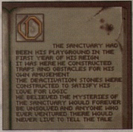


"It's a sundial," the Prince tells you in his cheery way. But whatever does it do? Can you figure it out?

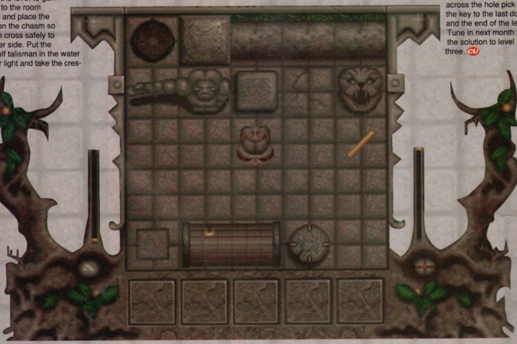
THE HOLY GRAIL

Traverse back to the room where you left the sword, remove from the now-open chest the magnet and the wind charm, before you leave this room pick up the sword. Put the magnet on the altar next to the metal box, you can now take it and put it in the sulphuric acid to reveal its contents. Inside is a blank parchment. Place this on the ink and read the writing that appears, as this is a suicide not, place it in the flame of ruin, you are now the proud owner of the Skull of Death which should be placed in the water of resurrection, take the immortal chain and put it in the immortal flame, you now have in your possession the gold symbol which deactivates the device that protects the holy grail.

Fill the holy grail with ambrosia and present it to the Shamen of Immortality, now walk past him and placing the sword across the hole pick up the key to the last door and the end of the level. Tune in next month for the solution to level three.



THE SANCTUARY HAD
BEEN HIS PLAYGROUND IN THE
FIRST YEAR OF HIS REIGN
IT WAS HERE HE CONSTRUCTED
TRAPS AND OBSTACLES FOR HIS
OWN AMUSEMENT
THE DEACTIVATION STONES WERE
CONSTRUCTED TO SATISFY HIS
LOVE FOR LOGIC
HE BELIEVED THE MYSTERIES OF
THE SANCTUARY WOULD FOREVER
BE UNSOLVED AND ANYONE WHO
EVER VENTURED THERE WOULD
NEVER LIVE TO TELL THE TALE



ANALOGIC
ANALOGIC
ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre,
Elm Crescent
Kingston-upon-Thames
Surrey KT2 6HH

Telephone Mon-Fri 9am-6.30pm
Sat 9am-5.00pm
081-546 9575
Tel/Fax: : 081-541 4671

COMPUTERS AND MONITORS REPAIRS WHILE-U-WAIT!!!

- * AMIGA A500/A600/A1200 REPAIRS WITHOUT DIAGNOSTIC FEES
- * FIXED CHARGES (A500 AND A500+ ONLY)
- * FAST TURNAROUND
- * MANY COMPUTER REPAIRS DONE WHILE-U-WAIT
- * WE PROVIDE PICK-UP SERVICE FOR REPAIRS FOR ONLY £6.00 + VAT
- * QUOTATION ON A600/A1200 AND MONITOR REPAIRS

New Lower Prices for a limited period only

£44.95 (A500 & A500+ ONLY) including NEXT DAY DELIVERY (if picked up by us) by COURIER SERVICE when dispatched back

HEWLETT PACKARD PRINTERS

HP310
HP520
HP550 C
HP560C
P.O.A

FLOPPY DRIVES

1 Meg 3.5" A500 Internal	£39.95
1 Meg 3.5" A600 Internal	£39.95
1 Meg 3.5" A1200 Internal	£39.95

ACCESSORIES

512K RAM A500	19.95	DUST COVER	4.95
512K RAM A500+	19.95	SUPER PRO ZIPSTICK	14.95
1MEG RAM A500+	34.95		
1MEG RAM A600	44.95	10 BRANDED BLANK DISKS	9.95
290 DPI Mouse	14.95	10 UNBRANDED BLANK DISKS	5.95
SCART LEAD	14.95		
MOUSE MAT	4.95	PRINTER CABLE	9.95

CHIPS AND SPARES

KICKSTART ROM V1.3	24.95	8375 2 MEG FATTER AGNUS	29.95
KICKSTART ROM V2.04	29.95	PAULA	19.95
KICKSTART ROM V2.05	34.95	GARY	11.95
A500/A500+ Keyboard	44.95	CIA	8.95
A600/A1200+ Keyboard	69.95	68000	14.95
AMIGA PSU	44.95		
8375 1 MEG FATTER AGNUS	24.95	6570 KEYBOARD CHIP	24.95

★ All prices include VAT ★ SAME DAY DESPATCH subject to availability
★ Fixed charge for repair does not include disk drive replacement nor keyboard★ All prices subject to change without notice
★ We reserve the right to refuse any computer/monitor repair. ★ Postage charges £3.50 by Royal Mail or £6.00 + VAT for courier

Access VISA

DIRECT SOFTWARE

DEPT CU10BDSC Unit 3,
Crosskeys Shopping Mall, St Neots,
Cambridgeshire PE19 2AU
TELEPHONE ORDER LINE: 0908 379550
FAX: 0908 277142

ORDER HOTLINE 0908 379550

BLANK DISKS

RECYCLED COVER DISKS	DS/DD	DS/HD
50 - £10.99	50 - £16.00	50 - £22.00
100 - £20.00	100 - £30.00	100 - £40.00
250 - £45.00	250 - £70.00	250 - £90.00
500 - £85.00	500 - £170.00	500 - £170.00
1000 - £150.00	1000 - £255.00	1000- £320.00

All Our Disks Include FREE Labels
We will not be beaten on Prices

Please make cheques and P.O. payable to:
DIRECT SOFTWARE CU10BDSC, UNIT 3 CROSSKEYS SHOPPING MALL,
ST NEOTS, CAMBRIDGESHIRE PE19 2AU
UK MAINLAND - DELIVERY FREE
OTHER AREAS - PRICES ON APPLICATION
All parcels are sent out by recorded delivery. All items subject to change without notice. E&OE.
Please allow for cheque clearance. Some Games may not be released at time of going to press.

Please Debit my Access/Visa No: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
Expiry Date: ☐☐ ☐☐

Please supply me with the following for Computer.............

Title	Price
Post & Packing	
TOTAL	

Date:.............
Name:.............
Address:.............
....
....
.............Postcode:.............
Tel No:.............

CU AMIGA OCTOBER 94 ISSUE

AMIGA REPAIRS

FIXED CHARGE ONLY £42.99 Incl.

Est. 12 Years

- FIXED CHARGE INCLUDES PARTS, LABOUR, DELIVERY, VAT
- 90 DAY WARRANTY ON ALL REPAIRS
- 24 HOUR TURN-AROUND ON 95% OF REPAIRS
- ALL UPGRADES PURCHASED FROM US FITTED FREE WITH REPAIR
- INCLUDES REPAIRS TO DRIVE & KEYBOARDS, ADD £10.00 IF NEED REPLACING, FULL DIAGNOSTIC TEST AND SERVICE

In Stock

SPECIAL OFFERS

New Low Price

A500 INTERNAL DRIVE *Simple to fit, fully documented*	£38.99	A500 MODULATOR *Exchange/Repair*	£18.00
A600/A1200 INTERNAL DRIVE *Simple to fit fully documented*	£41.90	A500 KEYBOARDS *Factory new, Genuine part*	£44.10
KICKSTART 1.3 ROM *For software compatibility*	£25.00	FATTER AGNUS 8372A *1 Meg chipram compatible*	£36.50
KICKSTART 2.05 ROM *Upgrade to A500+ ROM*	£29.90	CIA IC *Printer, Serial, Drive ports*	£9.20
SUPER DENISE *Excellent value*	£28.70	GARY IC	£11.50
		PAULA IC	£19.95
68000 CPU	£15.00	ROM SWITCHER	£18.00

⚠ ATTENTION ALL DEALERS ⚠
Our company now offer the most competitive dealer repair service.
Full credit facilities available.
Send for our FREE information pack today...

We reserve the right to refuse repair for whatever reasons
Prices only valid with this coupon

CU 995

Service HOTLINE (0533) 470059
DART Computer Services
105 London Road
LEICESTER LE2 0PF

Access VISA

DART Computer Services

Adventure Helpline

VAMP

Can there be anything more dangerous than a vampire with an attitude problem? Deadlier than the male, Vampyra returns to sing her siren's song once again.

As shadows fall over
the graveyard wall
And the Living Dead
Rise from their beds,
And go out to prey on
you and I.

Beware the vam-
pire's kiss my friend
And flee the soft
velvet dream,
Those hands so soft
Which are caressing
you now,
Will hold you while
you scream.

WAXWORKS

Please could you tell me how to get into the tailor's shop so I can get a disguise in the Jack the Ripper section of *Waxworks*, because I keep getting arrested whenever I try to go in there.
M. Sutcliffe, Glasgow.

This game involves dirty work in dark alleyways, so I hope you are up to it. The first thing you must do is pick up the rope which is to be found behind the Hardware Store. Find the spot next to where the dog barks by the barrel. Go west then turn North. Enter the doorway and look in the barrel to find the rope. Return to the alley by turning east and moving four steps. Turn left and enter that doorway. Use the rope on the chimney then lower yourself into the open window.

CRUISE FOR A CORPSE

I've got problems playing *Cruise for a Corpse*. The clock keeps sticking at 9:10 although I think I've tried everything. I've talked with everyone I can find (Suzanne, Tom and Julio) about everything possible. In my inventory I have the piece of paper that I found in Niklos' study and a Cartier Bill. Is there one special item I have to find to get time moving again?
Marc-Rene, Ebach, Germany.

I heard of a crocodile which swallowed a clock. The poor thing had to eat a whole packet of laxatives just to pass the time after that. This game has a number of annoying faults that make it more difficult than it need be. The first of these faults occurs right at the beginning where you are stuck. Take the note and show it to the barman. I can't remember exactly what the difficulty was, but most people found this an awkward thing to do. As I recall the game's controls are very clumsy and 'showing' the note causes problems. Once you have done this, the barman will give you a bible belonging to the priest and some information which you can use to talk to the others about.

While I have your attention I'll also tell you that there are times when you must not use the quick map method to move around the ship otherwise you will not meet people when you need to. You must also pay close attention to the clasp on the necklace when you finally find it.

LEISURE SUIT LARRY 5

I have a video recorder and some blank tapes from the recording studio and I've just flown in from New York on a plane. I can't get the ladies at reception to speak to me and I don't know how to call a taxi to take me into the city. What do I do now?
Darren Lack, Bedfordshire.

In Britain you simply have to speak, and people will know from your voice whether you are important or not. In America it's different – only money talks. If you want to get some attention in the US you have to 'flash the cash'. Stand in front of the VIP lounge and show your gold credit card (found back at the studios) to the security monitor and suddenly everyone will realise just what a very important person you are.

DARKSEED

I have managed to get the mirror to become operational, I've opened the grandfather clock, and I've got the paper from the book in the library. What now? How do I get into the barber shop? What can I do in the alien world (I've got the binoculars) but most importantly, how do I open the front door in the alien world or use the skull staircase?
Caspar Newbolt, Oakam.

There are a number of secret doors in your house and once you've got them open you should leave them that way. You can forget about the barber shop for there's nothing there of interest.
On the second day return to the garage and listen to the radio for the message that explains that two secret doors must be left open to allow you to walk through them in the dark world. Go to the hall and collect the piece of mirror. Use the shard to repair the mirror then walk through. Use the gloves (found in the car's glove compartment) to pull the lever in the dark world and this will open the front door for you.

Darkseed.

EYE OF THE BEHOLDER II

In *Eye of the Beholder II*, I'm stuck behind a big green shield, and I think I need a hammer to break it. Please help.
Nathan Mead, London.

Well, don't look at me, I haven't got one. I assume you are talking about the Azure Seal which lies on Level 2 of the Temple, behind the entrance which is sealed against all who do not have the Mark of Darkmoon. The mark is gained on Level 3 of the Silver Tower and you will also find that a green crystal hammer +2 (with the subtle name of Shieldbreaker) can be found here. Try searching in the north-east section of the level.

MARK
91 OF 118
CALANDRA
65 OF 76
JULIA
50 OF 50
FRANCES
56 OF 62
SAN-RAAL
28 OF 28
ALEX
72 OF 78

"The argument you just won with your girlfriend – it isn't over yet."

Write down your little problem and send it in a plain envelope to: 'Dear Vampyra'
CU AMIGA, Priory Court,
30-32 Farringdon Lane,
London EC1R 3AU.

Helpline

Once again it's time to curl up on the mat in the corner and give out a little Tender Loving Care, as we extend our arms to those in need. If you'd like a little TLC, then write to Helpline TLC, CU AMIGA, 30-32 Farringdon Lane, London EC1R 3AU.

ENQUIRIES

POLICE QUEST 1

C1: I hope you can help me. I have managed to get to the hotel on *Police Quest 1*, and have discovered that I have to send Marie away in a taxi. I have tried everything but I am unable to do this. What am I supposed to do?
Coral Grieve, Gateshead.

SWORD OF HONOUR

C2: Help! HELP ME, or I'll go crackers. I'm stuck on that brilliant game *Sword Of Honour*. I can complete level 1 with no problems, and the same for level 2, but everytime I do, I get stuck. I give the monks everything I need to, I go around collecting every item I need to, and I beat up the enemy millions of times, but I just can't get off level 2! Boo hoo gibber gibber! Please stop me from going insane by helping me!
Mark Foreman, Saltash.

Ram
Tasha
Felix

We're code crazy this month – *Impossible Mission*'s codes are given away on this page.

HOOK

C3: I am stuck in *Hook*. I have collected a thimble, pan pipes, bow, net, marbles, dead branch, shell, fixed the slingshot and used it. But I still cannot figure out how to fly. Also I cannot find pixie dust because Tink promptly disappeared from the round pond after I picked up the thimble.
Danny K, UAE.

ANOTHER WORLD

C4: My wife and I are both pensioners. We bought *Another World* by US Gold and managed to get through level 1, but are now completely stuck on level two. Can you help please?
Mr and Mrs L.F. Williams, Gillingham.

JAGUAR XJ220

C5: I know this is an old game, but I really could use your help on it. I recently got hold of *Jaguar XJ220* from Core Design, and have to say that I'm completely useless at it. A friend told me that there is a way to get your car to travel at over 400 miles per hour while still holding the road perfectly.

Could you please tell me how to do this, as my friend has forgotten.
Gavin Weston, Salisbury.

RESPONSES

CIVILISATION AGA

X1: In the game *Civilisation AGA* you can create your own map with your own terrain using a 256 colour paint package. To do this, all you have to do is load the file 'Map.Ibm' and change any pixels you like, but you must be careful not to put sea where a tribe starts, or make the map too big (use the same size that is already there). Also, always remember the top and bottom lines will be made into arctic.

If you have *Azap* or a similar program, you can change the file 'CIVILx.SVE' to give you infinite cash. To do this, write down the amount of cash you have, load the file into *Azap*, convert your cash figure into hexdecimal, then search for this number on the first page of the file, change the figure to'7530 for 30,000 in cash.
John Ogden, Lancashire.

IMPOSSIBLE MISSION 2025

X2: How would you like to have all the access codes for *Impossible Mission 2025*? Fancy that do you? OK then, here they are:

Level 1.1 -	No code
Level 1.2 -	ETQCWXLB
Level 1.3 -	EXQBEXYP
Level 2.1 -	FBQBRXYH
Level 2.2 -	FFQBYXRL
Level 2.3 -	FJQHMXPH
Level 3.1 -	FNQERXAO
Level 3.2 -	FRQDRXWH
Level 3.3 -	FUQZNXFL
Level 4.1 -	FZQAXXUA
Level 4.2 -	GDQLWXIJ
Level 4.3 -	GHQLVXVJ
Level 5.1 -	GIQCOXRG
Level 5.2 -	GLQZGXCJ
Level 5.3 -	GQQBJXOF

VALHALLA

X3: We've had lots of requests for all the level codes for *Valhalla and The Lord Of Infinity*, so just to keep you lot happy (especially those who can't wait for the rest of the solution), here they are:

Level One -	No code needed
Level Two -	LOPFGW
Level Three -	UHGWIL
Level Four -	ABHEFT

Valhalla and The Lord Of Infinity – just to keep you all happy we've given you the codes to get into the levels.

A HELPING HAND

Writing to CU AMIGA Helpline couldn't be easier. Just pop your enquiry or solution in an envelope, keeping your letters nice and short if possible, and then bundle it off to CU Helpline, CU AMIGA, Priory court, 30-32 Farringdon Lane, London EC1R 3AU.

Please indicate on the back of the envelope whether you are sending an enquiry or a response.

AMIGA

NEW! CD^{32} EXPANSION MODULE

& CD-ROM DRIVE FOR A600/1200

FROM SILICA – THE UK's No1 AMIGA SPECIALISTS

FREE! FROM SILICA

SOFTWARE PACK

When you buy your Amiga computer from Silica, at our advertised prices, we will give you one or more free gifts. The gifts include the new Chaos pack, enhanced AGA version for A1200 and A4000, GFA Basic & Photon Paint II. Check this ad to see which gifts come with each Amiga from Silica.

CHAOS ENGINE	£25.99
SYNDICATE	£34.99
PINBALL FANTASIES	£29.99
NICK FALDO'S CHAMPIONSHIP GOLF	£34.99
CHAOS PACK:	£125.96
GFA BASIC v3.5 - Powerful Basic Programming Language	£50.00
PHOTON PAINT II - Powerful Graphics Painting Package	£89.95
TOTAL VALUE:	£265.91

WORTH OVER £265

CD^{32} SPECTACULAR VOYAGE

SX-1 CD^{32} EXPANSION MODULE

NEW! TURN YOUR CD^{32} INTO A POWERFUL DESKTOP COMPUTER!

FREE! GOLD FISH DOUBLE CD

Connect a keyboard, floppy drive or hard drive, plus more to your CD^{32}. Ports / connections included:

- FLOPPY PORT
- IDE HD PORT
- SIMM CONNECTOR
- KEYBOARD PORT
- SERIAL PORT
- PARALLEL PORT
- VIDEO PORT
- MPEG THROUGH
- AUDIO INPUT
- DISABLE SWITCH
- REAL-TIME CLOCK
- FREE Gold Fish Dble CD

£199 INC VAT - CCA0100

SX-1 CD32 Black Keyboard PKE 0120 £39 INC VAT

CD^{32} SOFTWARE

CODE	DESCRIPTION	INC VAT
ARA 5601	Alien Breed/Qwak	£21.99
ARB 1211	Banshee	£29.99
ARB 1431	Battlechess	£29.99
ARC 2641	Cannon Fodder	£29.99
ARC 4041	Elite II	£22.99
ARG 8861	Gunship 2000	£22.99
ARH 3271	Heimdall 2	£34.99
ARI 2941	Impossible Mission	£26.99
ARJ 1561	James Pond 3	£34.99
ARL 0121	Labyrinth Of Time	£21.99
ARL 2361	Legacy Of Soracil	£29.99
ARL 4321	Liberation	£24.99
ARL 6321	Lost Vikings	£29.99
ARU 5621	Ultimate Body Blows	£29.99
ARZ 5631	Zool II	£19.99

A FULL RANGE OF GAMES, FILMS & MUSIC VIDEO TITLES ARE AVAILABLE FOR CD^{32} - CALL FOR A PRICE LIST

AMIGA CD32
32 BIT
CD-ROM • GAMES • CONSOLE
AMIGA CD32 32-BIT POWER
SPECTACULAR VOYAGE
32bit

2 GREAT CD TITLES
MICROCOSM
+ CHAOS ENGINE
PLUS 4 EXTRA TITLES WHILE STOCKS LAST
- DANGEROUS STREETS
- DIGGERS
- OSCAR
- WING COMMANDER

- 32-BIT POWER
  The worlds first CD-ROM console to use 32-bit technology, 4 x faster than a 68000 CPU
- 2Mb RAM
- CD QUALITY STEREO SOUND
- 16.8 MILLION COLOUR PALETTE
- GAMES FROM BELOW £20
- PLUGS INTO A TV OR MONITOR
- PLAYS MUSIC CDs
- DUAL SPEED
  Transfers data almost twice as fast as ordinary CD-ROM drives
- MULTI-SESSION
  Recognises ALL data on CDs, even if the information was added after initial pressing
- 11 BUTTON CONTROL PAD
- COMPATIBLE WITH 26 CDTV TITLES
- FULL SCREEN VIDEO-CD
  Optional extra FMV module - Available Nov '94, allows you to watch films on the CD32 - compatible with the latest Video-CD standard, endorsed by JVC, Matsushita, Phillips and Sony
- CD-i LINEAR COMPATIBLE
  With optional FMV module, will play CD-i films and music videos
- 2 FREE CD TITLES
  - MICROCOSM
  - CHAOS ENGINE

  PLUS, WHILE STOCKS LAST
  - DANGEROUS STREETS
  - OSCAR
  - WING COMMANDER
  - DIGGERS

SECOND CD^{32} CONTROLLER COMPETITION PRO ~~£19.99~~ £14.99 CCA 6540 INC VAT

FREE DELIVERY IN UK MAINLAND

CD^{32} + 6 FREE CD TITLES £239 INC VAT - CCD 3299

AMIGA 4000 SPECIFICATIONS

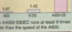
INCLUDES:
- Deluxe Paint IV AGA
- WordWorth V2
- WordWorth Print Manager

FREE CHAOS PACK

MONITOR OPTIONAL EXTRA

1 YEAR ON SITE/AT HOME WARRANTY ON ALL CONFIGURATIONS

FREE DELIVERY IN UK MAINLAND



The A4000 030EC runs at least 9 times faster than the speed of the A600.

GRAPHICS :
- 16.7 MILLION COLOURS
- RESOLUTIONS UP TO 1280x512 AND 800x600

OPEN ARCHITECTURE:
The A4000 has been designed for maximum flexibility providing plenty of room for memory & peripheral expansion.
- 4x16/32-BIT ZORRO III SLOTS
- 3xPC-AT SLOTS
- 1x24-bit VIDEO SLOT

POWER :
- 1.76Mb 3½" FLOPPY DRIVE

NEW! AA CHIPSET

AMIGA 4000 CONFIGURATIONS

The Amiga 4000 030EC is available in a 4Mb RAM, 214Mb Hard Drive version from Silica (please see below). It is fully configured and approved and carries Commodore's full one year on-site warranty. RAM upgrades are also available from Silica. Due to current fluctuations in the market, please call for upgrade prices.

FREE SOFTWARE INCLUDED

Deluxe Paint IV AGA	WORTH £99.99
WordWorth V2 AGA	WORTH £129.99
DIGITA Print Manager for WordWorth	WORTH £39.99
TOTAL VALUE:	£269.97

25MHz 68030EC DESKTOP
4Mb RAM 214Mb HARD DRIVE
£999 INCLUDING VAT - AMB 3215

RAM UPGRADES CALL FOR PRICES

APPROVED

Silica are a fully authorised Amiga dealer. We can upgrade Amiga 600 or 1200's with hard drives, for new or existing owners, without affecting Commodore's official on site warranty. We offer other upgrades and repair service for A500 and A500PLUS computers.

UPGRADES & REPAIRS

- Latest test equipment
- 20 trained technicians
- 1,000s of parts in stock
- FAST, 48 hour service
- We can collect (£5+VAT)
- FREE return courier
- All work guaranteed

CALL FOR A PRICE LIST

COLOUR MONITOR FOR ALL AMIGAS

FREE AMIGA CABLE FROM SILICA

PHILIPS 8833 Mk II

- .42mm Dot Pitch 14" Colour Screen
- 600 dots x 285 lines Resolution - 15.75KHz
- Analog RGB, Ditigal TTL and Composite Video
- Anti-glare Screen
- External Controls: Volume, Green Switch, Brightness, Contrast, Saturation, Horizontal Shift
- Stereo Sound with Headphone Socket

CABLE REQUIRED FOR CD32 CAB 5235 - £8.95 inc VAT

FREE DELIVERY IN UK MAINLAND

£219 INC VAT - MON 8833

COLOUR MONITOR FOR ALL AMIGAS

FREE STEREO SPEAKERS & CABLE FOR CONNECTION TO THE AMIGA

MICROVITEC 1438 MONITOR

- .28mm Dot Pitch 14" Colour Screen
- Up to 1024 x 768 Resolution
- 15-38KHz Horiz Frequencies
- Analogue RGB Input
- External Controls: Brightness, Contrast, Horizontal and Vertical Centring/Height
- Anti-glare Screen
- Stereo Sound

FREE DELIVERY IN UK MAINLAND

£299 INC VAT - MON 5438

TV/MONITOR FOR ALL AMIGAS

SHARP TV + VIDEO UNIT £399 INC VAT MON 6512

FREE AMIGA SCART CABLE

- 14" Remote Control Colour TV/Monitor
- Inc RGB Scart Socket for use with Amigas
- Infra Red Remote Control
- On Screen Display to Adjust Colour/Volume
- On/Off Timer
- Flash Back Feature
- 40 Channel Programme Memory
- FREE Amiga Scart Cable from Silica

FREE DELIVERY IN UK MAINLAND

£169 INC VAT - MON 8500

CD-ROM DRIVE FOR A1200

NEW

OVERDRIVE CD

- CD32 compatible CD-ROM Drive for the A1200
- Plugs into the PCMCIA port - RAM expansion port can still be used
- Features Mitsumi FX001D Dual Speed Drive
- Reads CD32, ISO9660 (PC), Audio and HFS (Mac) CDs
- Includes CD32 emulation software, PLUS* software to play Audio CDs and View Kodak Photo CDs and a list of tested software and requirements

*Some software requires additional RAM in the A1200

FREE DELIVERY IN UK MAINLAND

£199 INC VAT - CDD 2199

3½" HARD DRIVE FOR A1200

EXTERNAL OVERDRIVE 35

FREE! - WORTH £39.99 CIVILISATION AGA

NEW

- Plug-in External 3½" Hard Drive
- 170, 250 and 340Mb Versions
- Plugs in to PCMCIA Port
- Allows Data Transfer at twice the speed of an internal drive
- Can be used as second drive for more storage capacity
- Flexible + portable storage unit
- Styled to match Amiga 1200
- FREE AGA Software - CIVILISATION
- Use does not affect Commodore Warranty

FREE DELIVERY IN UK MAINLAND

170Mb HD	£269	INC VAT - HAR 3517
250Mb HD	£289	INC VAT - HAR 3525
340Mb HD	£329	INC VAT - HAR 3535

AMIGA 1200 PACKS + HARD DRIVE OPTIONS

RACE 'N' CHASE

FREE CHAOS PACK PLUS! GFA BASIC

1 YEAR ON SITE/AT HOME WARRANTY ON ALL CONFIGURATIONS

FREE DELIVERY IN UK MAINLAND

PACK INCLUDES:
- 2Mb Amiga 1200
- Trolls AGA
- Nigel Mansell's World Championship AGA

+ FREE FROM SILICA (See Top Left)

RACE 'N' CHASE

RAM	HD	Price	Code
2Mb	0Mb	£299	INC VAT - AMC 1224
2Mb	85Mb	£449	INC VAT - AMC 1485
2Mb	127Mb	£499	INC VAT - AMC 1527
2Mb	200Mb	£529	INC VAT - AMC 1600
2Mb	340Mb	£699	INC VAT - AMC 1640

COMPUTER COMBAT

FREE CHAOS PACK PLUS! GFA BASIC

1 YEAR ON SITE/AT HOME WARRANTY ON ALL CONFIGURATIONS

FREE DELIVERY IN UK MAINLAND

PACK INCLUDES:
- 2Mb Amiga 1200
- Total Carnage
- Brian The Lion
- Zool 2
- WordWorth V2
- WordWorth Print Manager
- Day By Day Planner
- Personal Paint V4

+ FREE FROM SILICA (See Top Left)

RAM	HD	Price	Code
2Mb	0Mb	£349	INC VAT - AMC 2049
2Mb	85Mb	£499	INC VAT - AMC 2086
2Mb	127Mb	£549	INC VAT - AMC 2128
2Mb	200Mb	£579	INC VAT - AMC 2201
2Mb	340Mb	£749	INC VAT - AMC 2341

AMIGA 1200 SPECIFICATIONS

- 68020EC Processor - 14.19MHz Clock Speed
- 32-bit Architecture/2Mb Chip RAM
- Amiga DOS v3.0/Built-in TV Modulator
- AA Chip Set/16.8 Million Colours
- 1 x 32-Bit CPU/RAM Expansion Slot
- PCMCIA Smart Card Slot
- 96 Key Keyboard with Numeric Keypad
- 2½" Internal IDE Hard Drive Options
- 1 Year On-site Warranty

HARD DRIVE OPTIONS

- Approved 2½" Hard Drives
- Fitted correctly below metal safety shield - does not invalidate warranty
- Covered by Commodore's Official 1 Year On-Site Warranty
- Look for Special 'Official Upgrade' sticker

THE SILICA SERVICE

SILICA 1978 1994 16 YEARS SERVICE TO YOU

Before you decide when to buy your new computer, we suggest you think very carefully about WHERE you buy it. Consider what it will be like a few months after you have made your purchase, when you may require additional peripherals or software, or help and advice. And, will the company you buy from contact you with details of new products? At Silica, we ensure that you will have nothing to worry about. With our unrivalled experience and expertise, we can meet our customers' requirements with an understanding which is second to none. Complete and return the coupon now for our latest FREE literature and begin to experience the "Silica Service".

- **FREE OVERNIGHT DELIVERY:** On all hardware orders shipped in the UK mainland (there is a small charge for Saturday delivery).
- **TECHNICAL SUPPORT HELPLINE:** A team of technical experts will be at your service.
- **PRICE MATCH:** We match competitors on a "Same product - Same price" basis.
- **ESTABLISHED 16 YEARS:** We have a proven track record in professional computer sales.
- **PART OF A £50M A YEAR COMPANY:** With over 300 staff - We are solid, reliable and profitable.
- **BUSINESS + EDUCATION + GOVERNMENT:** Volume discounts are available. Tel: 081-308 0888.
- **SHOWROOMS:** We have demonstration facilities at all our stores.
- **THE FULL STOCK RANGE:** All of your computer requirements are available from one specialist supplier.
- **FREE CATALOGUES:** Will be mailed to you, with special reduced price offers, as well as details on all software and peripherals.
- **PAYMENT:** We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

SILICA

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

1-4 THE MEWS, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (3rd Floor), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), 46-50 St. David's Way	0222 399789
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (3rd Floor), Millbrook	0483 301300
HARROW	Debenhams - Open Sept '94, Station Road	081-427 4300
HULL	Debenhams - (2nd Floor), Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (3rd Floor), 334 Oxford St	071-493 3735
LONDON	Selfridges - (Basement Arena), 369 Oxford St	071-629 1234
LUTON	Debenhams - (1st Floor), Arndale Centre	0582 21201
MANCHESTER	Debenhams - (3rd Floor), Market Street	061-832 8666
PLYMOUTH	Debenhams - (3rd Floor), Royal Parade	0752 266666
SHEFFIELD	Debenhams (3rd Floor), The Moor	0742 768611
SHEFFIELD	Debenhams - Open Sept '94, Meadowhall Centre	0742 568555
SIDCUP	1-4 The Mews, Hatherley Road	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Keddies - (2nd Floor), High Street	0702 468039
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 860066

To: Silica, CMUSR-1094-211, 1-4 The Mews, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND ME AN AMIGA CATALOGUE

Mr/Mrs/Miss/Ms: .... Initials: ....

Surname: ....

Company (if applicable): ....

Address: ....

....

....

.... Postcode: ....

Tel (Home): ....

Tel (Work): ....

Which computer(s), if any, do you own?

.... 211E

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information

GET SERIOUS

This month Get Serious covers a huge range of products, everything from hard drives to RAM boards, from graphics utilities to 3D rendering programs.

88 ZYDEC RAM UPGRADE
88 IMAGEBANK
89 CD-REPAIR KIT
92 LIGHTWAVE
94 VISTA PACK
96 MATHS VISION
99 SMART STOR
101 IMAGE MIRROR
102 ESSENCE & FORGE
104 MODEM
108 PD SCENE
115 PD UTILS
120 ART GALLERY

TOP RATED

The CU AMIGA top rated accolade for non-games products scoring over 90%. They will definitely be worth the money and are likely to act as a benchmark for future releases.

IMAGEBANK

Textures

Stones galore with ImageBank.

There seems to be have been a surge of textures and backdrops sweeping through the Amiga market over the last few months. And it's continued this month with Visual Promotions release of ImageBank – Textures Volume Two.

ImageBank is a collection of 'photo-realistic' images for video titling and presentation applications, 3D rendering applications or DTP programs. This collection contains 20 textures in full overscan resolution (736 x 566) and come in a variety of formats (JPEG, HAM8, JPEG or 256 colour GIF). They are neatly packaged in what is quickly becoming the standard packaging for texture disks – a VHS video case.

However, despite the neat presentation, the quality of the images lets the package down. The images vary from below average to extremely poor quality and most of them suffer from terrible pixelisation, where edges of shapes break up into squares. If you are intending to use the images as backdrops for *Scala* presentations where the viewer will only see them from a distance you might get away with this poor quality, but avoid if you plan to use them for DTP and 3D texture mapping.

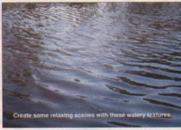
It's pity that the quality of the pictures is so poor because while there aren't that many pictures (20 in all) the selection itself is wide and varied. The range varies from from marble, wood through to grass, bricks and sky.

If Visual Promotions can improve the quality of these images, maintain the price and variation of picture type supplied they'd have a winner on their hands. However, as the package stands, the images are only really suitable for basic work or video backdrop presentations.

Available from: Visual Promotions, PO Box 208, Folkestone, Kent CT19 5EZ. Tel: 0303 245378. Price: £10.95 (10 disks), £14.95 (14 disks).

75%

Wooden it be nice if these textures were a bit better.


Create some relaxing scenes with these watery textures.

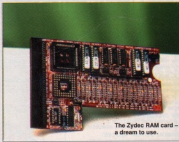
ZYDEC RAM CARD

A1200 RAM upgrade

The Zydec RAM card is a trapdoor board, which fits into the expansion bay underneath the machine. It is available in a variety of configurations, increasing memory by 512k, 1Mb, 2Mb and 4Mb using ZIP DRAMs, (although ZIP DRAM chips are relatively easy to fit, SIMM sockets may have been better). The board comes with a battery backed clock and if you wish you can add a maths co-processor (PLCC or PGA). There is also an option (via a jumper setting) to disable the extra RAM – a very nice touch!

One thing I really liked about this board was the labelling on the circuit board itself. Every jumper switch, setting and socket is clearly labelled stating exactly what it does and what settings to use – outstanding! But if you do need to refer to the manual there are two and half pages of information detailing practically everything you could possibly want to know about its operation and configuration. This is well worth reading, as there is a wealth of useful information to be found.

Installation was a simple painless process and the board functioned flawlessly. Performance wise the board clocked in at 2.69 MIPS – according to the Amiga benchmark program, *Sysinfo*. This performance rate is identical to the Blizzard 1204 RAM board, and approximately 1.99 times faster than a standard A1200.


The Zydec RAM card – a dream to use.

Available from: Eversham Micros, Unit 9, St Richards Rd, Evesham, Worcs WR11 6TD. Tel: 0386 765500. Price: £159.98

85%

CD REPAIR
SYSTEM
REPAIRS AND PROTECTS OVER 50 CD'S & GAME DISCS
REPAIR
CLEAN
PROTECT
3 PROTECT
2 REPAIR
1 CLEAN
86%

CD REPAIR SYSTEM

CD UTILITY

There are some products that you can't help feeling sceptical about. You know the sort I mean: 'new miracle wonder memory retention techniques','car zine polish – protects you car against fire, acid and scratches'. Normally such products come with unbelievable claims, backed up by testimony from so-called experts or scientists (of one sort or another).

CD Repair System claims to be able to repair damaged CDs of any sort and then protect them from future harm. It appears to have some of the outward symptoms of a gimmick product ie: claims such as 'the ultimate alcohol free cleaner', with scientific evidence backing the claims – 'tried and tested on Tomorrow's World' no less. So, ever the cynic, I approached this kit with some trepidation and decided to put it through its paces. Luckily, I happen to own several audio CDs that, over time, have become scratched and damaged. It seemed a perfect opportunity to put the kit to the test.

The 'kit' comes in three bottles containing various fluids: a cleaning agent, a repair fluid and and protector. These are applied in order, removing smudges and other surface damage, filling in small scratches and then covering the disc in a protective film. The process takes about five minutes in total and the kit includes fabric wipes to apply and polish the disc.

Although I initially approached this product with more than an unhealthy scepticism I have to admit to being impressed. My Pointer Sisters CD no longer jumps, and my Queen CD is, once again, a kind of magic with the skips and repeating tracks seemingly banished. But what about CD32 and CDTV discs? We didn't have any scratched or scuffed CDs around, but this wasn't about to stop us. In the cause of product testing we took a CDPD demo disc and tortured it for a couple of minutes, we dragged it across the floor, scratched it and generally kicked it about the room. We took another disc and did things to it that CDs shouldn't have to go through, it was written on, walked over, thrown across rooms, dropped and stamped on. And the results? Well the second disc was beyond repair, no amount of cleaning saved it – not surprising really. The first disc, however, is playing as I write this and not a glitch in sight.

Although the supplied bottles are small, you need only apply a little from each bottle per CD. According to the documentation supplied there is enough cleaning and repairing agent provided to clean 50 CDs! I'm not sure I completely believe this fact, but it will definitely prove cheaper to clean loads of CDs rather than buy new ones. If you've got a collection of CDs this is worth having.

Available from RSD Connections, Mead Business Centre, Mead Lane, Hertford SG13 7AG. Tel: 0992 584205. Price: £14.95

HIGH QUALITY SOUND SAMPLES
EXTENDED RANGE OF IFF SAMPLES (Includes new RHYTHM LOOP disks)

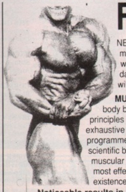
Each disk is compiled from a **studio recorded master** and is sampled on the Amiga at **twice the sample rate** of P.D. sample disks. They are compatible with all P.D. and commercial tracker and sequencer programs, and are highly regarded by the Amiga Press "There are a lot of sample libraries around but this one is absolutely brilliant" Amiga Computing 2/93. 'This collection of disks shows how it should be done... the conventional instrument samples are the best I've heard on the Amiga' CU Amiga 7/92. "Do you want some high quality and wide ranging sounds to use in your compositions? Well then this is the place to look." Rating 87% Amiga Format Special Aut/92. N.B no of samples in brackets

001	AFRICAN	Talking Drums, Marimbas, Chants etc (53)	019	PIANOS	Octave Splits, with strings, FX (16)
002	INDIAN INST	Sitars, Bansuri, Chants etc (19)	020	STRINGS	Cello, Orch. Hits, Sections etc (21)
003	INDIAN PERC	Tablas, Bayas, Rhythm Loops etc (35)	021	SYNTH STRINGS	Analog & Digital (19)
004	ARABIC	Ud, Saz, Bendir, Rhythm Loops etc (37)	022	CHOIRS	Mixed Choirs, with Bells & Synth (16)
005	FAR EAST	Tibetan Bells, Yangqin, Koto etc (31)	023	ORGANS	Church & Electric (17)
006	EUROPEAN	Balalaika, Choirs, Bodhran etc (34)	024	BELLS	Real & Synth with Choir & Strings (20)
007	OCEANIA	Didjeridu, Chants, Slit Drum etc (23)	025	SOUND FX	Action: Explosions, Gunshots etc (30)
008	AMERICAS	Kena, Berimbau, Pan Pipes etc (30)	026	FX PERC LOOPS	Up-tempo effected rhythms (14)
009	FX PERC	Power Toms, Snares & Bass, Scratch/Rap (88)	027	DRUM LOOPS 1	Various styles - pop, breakbeat etc (14)
010	DRUM KIT	Bass & Snares, Hi-Hats, Cymbals & Toms (63)	028	DRUM LOOPS 2	More pop and breakbeat rhythms (13)
011	ANALOG PERC	TR-808, CR-78, Loops etc (64)	029	TECHNO 1	Techno, Industrial & Electronic Loops (17)
012	LATIN PERC	Timbales, Congas, Cabasas, Cowbells etc (107)	030	TECHNO 2	More of the above! (16)
013	GUITARS	Acoustic, Electric & Distorted etc (41)	031	ROCK RHYTHMS	Various rock rhythms with effects (19)
014	BASS GUITARS	Slap, Picked, Fretless, FX etc (44)	032	WOODWIND	Flutes, Pan Pipes, Clarinets etc (19)
015	ANALOG BASS	Oberheim, Roland, Korg etc (22)	033	BRASS 2	Saxes, Trumpets, Brass Sections etc (15)
016	DIGITAL BASS	Yamaha DX, Roland,Korg etc (28)	034	PIANOS 2	Multi-Sampled, Soft, FX (17)
017	BRASS	Sections, Saxes, Trumpets etc (24)	035	STRINGS 2	Sections, Cellos, Pizzi, Hits, Violin (23)
018	SYNTH BRASS	Analog, Digital & L.A. etc (18)			

PRICES: 1-9 Disks £2.50 each, 10-19 Disks £2.00 each, 20 or more £1.75 each, The Complete Set £59.95 **P&P:** Add £1.00 (any size order). Cheques & P.O.s to: WALKABOUT MUSIC, Dept CU TRENOVISSICK FARM, THE MOUNT, PAR, CORNWALL PL24 2DA. Tel: (0726) 813807

TO REACH 340,000
READERS EVERY MONTH
CALL CU AMIGA ON:
071 713 5289
THERE'S NO BETTER
PLACE TO BE!

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.
Send for FREE Information Pack.
MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH
Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH
Yes! I want to build muscles fast. Please rush me a FREE information pack!
Name...BLOCK
Address..CAPITALS
....PLEASE
.... Postcode ....
(A stamp for reply appreciated)
(CUA)

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need.to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, FX100, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.

COMPLETE KIT £39.95

FLEXIDUMP 3

"Consider it to be as important as your power cable" (CU Amiga Nov 92)

NEW SHIENGLING FEATURE ADD TO FLEXIDUMP 3.

*Will remove banding and white lines from dot matrix and bubble jet printers.

Other new features include:-

* An extended range of special Dithering Patterns.
* User selectable levels of Anti-Aliasing to remove those jagged edges and smooth.
* Compatible with the new screen modes.
* Deskjet 500C/310C users can now have a colour picture with true black - The colour results with this new version will astound you.
* Suitable for Citizen, Epson, Hewlett Packard, NEC, Panasonic, Seikosha, Star and just about any dot matrix or inkjet/bubblejet/lazerjet printer.

STILL ONLY £39.95

GOT THE CU COVERDISK FLEXIDUMP OR AN OLD VERSION THEN UPGRADE FOR ONLY £14.95

T-SHIRT PRINTING RIBBONS
PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift	£29.95
4 Colour Citizen Swift (Reload)	£14.95
4 Colour Star LC10	£14.95
4 Colour Star LC200 9 Pin	£19.95
4 Colour Star LC200 9 Pin (Reload)	£12.95
4 Colour Star LC200 24 Pin	£29.95
4 Colour Star 24 Pin (Reload)	£14.95
1 Colour Star LC10	£11.95
1 Colour Star LC200 9 Pin	£11.95
1 Colour all Star 24 Pin	£11.95
1 Colour Epson FX80/LQ400/MX80	£11.95
1 Colour Epson LX80	£11.95
1 Colour Epson FX100	£11.95
1 Colour Panasonic KXP 1080	£11.95
1 Colour Taxan/Canon 1080A	£11.95
Heat transfer pens 5 large red/ orange/ yellow/ green/ blue, Large pens have a marker size nib	£11.95 a set
Heat transfer Pens 5 small red/ orange/ yellow/ green/ blue, small pens have a fine nib	£11.95 a set

TRANSFERLAQ for Transferring on to Ceramics, Glass, Aluminium £14.95

ALL PRICES INCLUDE VAT AND CARRIAGE

COLOUR PRINTER RIBBONS

Don't throw away your plastic printer ribbon cases when the ribbon wears out. Just take the top off, take out the old ribbon and reload it with a new one. It's simple. Full instructions supplied.

Reloads for:

Star LC200 9 Pin 4 Colour (Normal Ink)	1 Reload - £5.99	5 Reloads - £23.99
Star 24 Pin 4 Colour (Normal Ink)	1 Reload - £6.99	5 Reloads - £29.95
Citizen Swift 4 Colour (Normal Ink)	1 Reload - £6.99	5 Reloads - £29.95
Panasonic 4 Colour (Normal Ink)	1 Reload - £6.99	5 Reloads - £29.95

Ink ribbons also available in Gold, Silver, Magenta, Orange, Purple, Brown, Green, Blue, Red for a wide range of printers.

Special reink for Panasonic printers and Star LC200 9 pin black bottle £9.95

HP DESKJET/CANON BUBBLEJET REFILLS

"CARE THREE PACK" will refill HP51608A Cartridge 3 times. The Canon BC-01/SJ48 Cartridge 3 times. Three Pack available in Yellow, Magenta, Cyan, Red, Green, Brown, Purple, Black £14.98m each.

"TRI-COLOUR PACK"3 Yellow, 3 Magenta, 3 Cyan refill £17.95 available for Bubblejet and Deskjet

"CARE SIX PACK" will refill HP51608A cartridge 6 times. The HP51626A High Capacity 3 times. The Canon BC/01 Cartridge 6 times.

Please state type when ordering

6 BLACK REFILLS ONLY £24.95

GOT A BLOCKED NOZZLE? DON'T THROW AWAY YOUR CARTRIDGE - NEW "INK MAGIC" PRINT HEAD RECOVERY FLUID

18ml BOTTLE £5.95

How to order: Enclose cheques/PO made payable to: CARE ELECTRONICS or use Access/Visa

CARE ELECTRONICS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 0923 672102

ORDER LINE ON 0923 894 064

WIZARD GAMES

1 NORTH MARINE ROAD, SCARBOROUGH, NORTH YORKSHIRE, YO12 7EY. Tel: 0723 376 58

AMIGA GAMES

A.Train	£9.99
Adams Family	£7.99
Allo Allo	£12.99
Anti Heads / It came from the Desert	£9.99
Arabian Knights	£9.99
Brian Thelion	£12.99
Banshee	£17.99
Bump 'n' Burn	£16.99
Chuck Rock 2	£6.99
Cruise for a Corpse	£10.99
Creatures	£5.99
Crystal Kingdom Dizzy	£6.99
D.Generation (A1200 ONLY)	£9.99
Dalek Attack	£9.99
Dinosaur Detective Agency	£9.99
Donk	£6.99
Disposable Hero	£12.99
Doodle Bug	£12.99
Dracula	£9.99
Darkmere	£12.99
Fantastic Dizzy	£14.99
F-16	£5.99
Funschool 2. Under 6-6-8 over 8	£6.99
Funschool 4. 7-11 Yrs	£10.99
Graham Gooch	£14.99
Graham Gooch 2and Innings	£9.99
Graham Taylor	£7.99
Global Gladiators	£10.99
Hero Quest 2	£16.99
K240	£19.99
Magic Boy and Cool Croc Twins	£12.99
Match of the Day	£7.99
Mean Arenas	£6.99
MIG-29m Super Fulcrum	£10.99
Midwinter 2	£9.99
Man UTD Premier League Champions	£14.99
Night Shift	£9.99
Nova 9	£7.99
Nick Faldo	£9.99
Monkey Island 2	£19.99
New Zealand Story	£6.99
Morph	£8.99
Playdays 3 to 8 yrs	£9.99
Prime Mover	£9.99

Pictionary	£5.99
Power Monger and WWI	£11.99
Plan 9 and Video	£8.99
Perihelion	£10.99
Pacific Islands	£9.99
Krustys Fun House	£9.99
Seek and Destroy	£12.99
Skidmarks	£14.99
Shadow Worlds	£9.99
Simpsons	£6.99
Sim City Classics	£9.99
Sim Ant	£10.99
Sim Earth	£9.99
Sim City Architure 1	£4.99
Street Fighter 2	£9.99
Sleep Walker A500/A1200	£7.99
Snapperazzi	£9.99
Suburban Commando	£12.99
Soccer Kid A500/A1200	£12.99
Summer Camp	£5.99
Soccer Team Manager	£10.99
Switch Blade 2	£4.99
Space Crusade	£4.99
Supremacy	£10.99
Speed Ball 2	£7.99
Stunt Car Racer	£4.99
Space 1889	£9.99
Sooty's Fun with Numbers 7Yrs	£7.99
Thamas Tank Fun with Words 7 Yrs	£7.99
Toki	£9.99
Trival Pursuits	£7.99
Trolls	£9.99
Thomas Tank 1 and 2	£12.99
Settlers	£19.99
Ultimate Golf	£4.99
Utopia	£4.99
Wiz 'n' Liz	£9.99
World Class Rugby	£8.99
Winter Camp	£5.99
Wembly Int. Soccer	£14.99
World Cup all Time Greats	£9.99
Whales Voyage	£9.99
Wembley Rugby League	£14.99

CD 32

Alfred chicken	14.99
Chuck Rock	£8.99
Disposable Hero	£14.99
Deep Core	£9.99
Fire Force	£9.99
Mean Arenas	£9.99
Nick Faldo	£19.99
Striker	£14.99
Summer Olympix	£9.99
Wembly Int. Soccer	£14.99
Zool 2	£18.99

Little Divil	£19.99
Banshee	£19.99
Brutal Sports Football	£10.99
Dennis	£9.99
Fly Harder	£8.99
Legacy of Sorasil	£15.99
Morph	£9.99
James Pond 3	£11.99
Sensible Soccer	£16.99
Trival Pursuit	£12.99
Zool	£12.99
Nigel mansell	£12.99

COMPILATIONS

THE GREATEST £14.99
Jimmy White/Dune
Lure of the Temptress

EXCELLENT GAMES £19.99
Shuttle/Populous 2
Archer Macleans Pool/James Pond 2

CORKERS £10.99
Blob/Blaster/Cyber Punks
Wonder Dog

DIZZY COLLECTION £10.99
Fast Food/Kwix Snack
Fantasy World/Treasure Island
Magicland Dizzy

SUPER ALL STARS £9.99
Robin Hood/Magicland Dizzy
Captain Dynamo/CJ in the USA
STEG the Slug

KIDS RULE OKAY £9.99
Postman Pat 3/Popeye 2
Sooty and Sweep

WORLD CUP YEAR 94 £19.99
Sensible Soccer/Goal/Striker
Championship Manager 93
Championship Manager 94

MONSTER PACK VOL 2 £10.99
Shadow of the Beast 2/Awesome
Killing Game Show

FLIGHT COMMAND £8.99
Eliminator/Strike Force Harrier/
Skychase/Lancaster/Skyfox 2

ANY 3 FOR £10.00

- Arnie
- Ballistix
- Beast Busters
- BSS Jane Seymour
- Blinks Scary School
- Carrier Command
- Double Dragon 2
- Daily Double Horse Racing
- INT Tennis
- Jocky Wilson
- Mega Motion (Puzzles)
- Mercenary 3 (Not 1200)
- Monty Python
- Resolution 101
- Santas XMAS Capers
- Titanic Blinky
- E.Motion
- Blasteroids
- Bionic Commando
- Volified
- Xenon
- Times Crosswods
- Huckle Berry Hound
- Italia 90
- On Slaught
- Big Run
- Art of Chess
- Galactic Warrior Rats
- Fast Food Dizzy (Not 1200)
- Fist Fighter
- Heroes of the Lance (Not 1200)
- Hungary for Fun
- Hyperion
- Impossamole
- Int Truck racing
- Spike in Transilvania
- Stack Up
- Sharkeys Holl
- Shoot um up Construction Kit
- Track Suit Manager
- Three Stooges
- Bomber Bob
- James Pond
- Hero Quest
- Voo Do Night Mare
- World Champ. Boxing Manager
- World Soccer
- R-Type 2
- Sun Cross Words
- Pixie & Dixie
- Colossus Chess x
- SWIV

When Ordering Please Give One Alternative Also Which Ami

SPECIALS NOT BOXED

Nigel Mansell A500 or A1200 ....

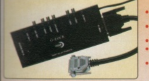
Zool A500 or A1200........

Kids Pack
Postman Pat, Musters, Count Duckula. ....

Games subject to availability.
A phone call reserves your order
Open 6 Days a week
9.00 - 5.30
Price inc. P/P (U.K)
Europe + £2.00 Per Game - Rest of the World £3.00
Shop prices may vary.
Cheques or postal Orders Payable to Wizard Games
WIZARD GAMES, 1 NORTH MARINE RD,
SCARBOROUGH, N.YORKS YO12 7EY
TEL & FAX : 0723 376586

GVP WORLD CLASS AMIGA PERIPHERALS NEW! PRODUCTS & NEW LOW PRICES

G-LOCK VIDEO GENLOCK



FOR ALL AMIGAS

- Simple, Intuitive Mouse-Driven Software Control Panels. Full ARexx, CLI and Workbench Interfaces
- Software Selection of 2 Composite Video Inputs or 1 Y/C (S-Video) Input
- Simultaneous Composite & S-Video and RGB Outputs
- Software Selection or Mixing of 2 Audio Inputs with Volume, Bass and Treble Control
- Software-Driven Video Processing Amplifier Offering Complete Real-Time Signal Processing Control, Including Hue, Brightness and Saturation.
- Software-Controlled RGB Colour Splitter Compatible with Video Digitizers
- Built-in Transcoder Converts Input Video to Composite, Y/C, RGB or YUV Outputs
- Full ECS/AGA Support for Full Compatibility with A1200 and A4000 Systems
- Compatible with Popular Titling Software like AmigaVision™, Scala-Multimedia 200/210/300™ and Gold Disk's Video Director™
- Full Audio Support

This extremely high quality Amiga genlock, from GVP, has an intuition-based software control panel with full ARexx and command line interfaces. It is easy to use and supports most VHS and S-VHS video models. For crisp overlays of scrolling, or static titles, graphics over live video and recording to videotape with high quality results.

AMIGA GOLD 94%

VIDEO: G-Lock's six video control panels enable you to perform a wide array of special effects on still or motion video including:
- Colorizing for unique visual effects.
- Creating your own "Classic" black & white videos using the Colorkill feature
- Colour filter effects
- High-quality keying effects with bitplane or chroma keying
- Manual or automatic (ARexx triggered) fades and cuts

AUDIO: G-Lock's dual-input audio panel switches, mixes and shapes sound for effects such as:
- Combining stereo channels or separate inputs without a "Y" adaptor
- Treble and bass equalization
- Plus, add DSS8+, see below, or any Amiga created/modified digital audio samples to your final mix

G-LOCK
~~£299~~
£269
INCLUDING VAT - VID 2500

A1230-II 40MHz & 50MHz ACCELERATORS

WITH UNIQUE MODULE EXPANSION OPTIONS

FOR AMIGA 1200

- 40MHz 68030EC and 50MHz 68030 Accelerator
- Unique Feature Connector for Module Expansion
- Memory Management Unit on 50MHz Version
- Optional 60ns 32Mb RAM Upgrade
- Battery Backed Clock
- Optional 40MHz or 50MHz 68882 Maths Co-Processor
- Memory Management and Cache Control Software
- Kickstart Remapping Technology

The new GVP A1230-II advanced accelerators are available in 40MHz 68030EC and 50MHz 68030 configurations. They can make your Amiga run at least 6½ times (40MHz version) or at least 8½ times (50MHz version) faster than the standard A1200 and feature unique warranty safe module expandability - see right.

MMU OR FPU?
The 50MHz version includes a built-in Memory Management Module (MMU), for more sophisticated memory control. An optional FPU (Floating Point Unit: for faster maths calculations) is available for the 40MHz and 50MHz versions (see below), both have RAM upgrade options (up to 32Mb, see right).

RAM UPGRADES

The A1230-II accelerator combo has two 32-bit SIMM sockets for easy Fast RAM expansion. The following SIMMs can be used in those slots.

1Mb 60ns Fast RAM SIMM -	(RAM 3216) -	£69 inc VAT
4Mb 60ns Fast RAM SIMM -	(RAM 3246) -	£199 inc VAT
16Mb 60ns Fast RAM SIMM -	(RAM 3286) -	£999 inc VAT

SCSI-II EXPANSION MODULE
- A1291 - Fastest SCSI Controller Yet
- DMA SCSI Design • FaaaST ROM Controller
- High Speed, Unique DPRC Technology for Direct HD to Memory Transfer

£59 inc VAT - UPG 1800

NEW LOW PRICES A1230-II ACCELERATOR

	0Mb RAM	1Mb RAM	4Mb RAM	4Mb RAM + FPU	8Mb RAM
40MHz 68030EC NO MMU	£229 inc VAT - UPG 1240	£249 inc VAT - UPG 1241	£429 inc VAT - UPG 1244	£529 inc VAT - UPG 1246	£629 inc VAT - UPG 1248
50MHz 68030 WITH MMU	£299 inc VAT - UPG 1500	£329 inc VAT - UPG 1510	£499 inc VAT - UPG 1540	£599 inc VAT - UPG 1545	£699 inc VAT - UPG 1580

EGS SPECTRUM 24-BIT GRAPHICS CARD

FOR A1500/A2000/A3000/A4000

TAKES YOUR AMIGA BEYOND AGA!

EGS Spectrum is the answer to all your 24-bit graphics card requirements. It is a high performance, high resolution, 24-bit board that will take any Amiga 1500, 2000, 3000 or 4000 beyond AGA! But the hardware is only half of the picture. Without quality software, your investment will be wasted. Not only does GVP's own award winning graphics application ImageFX fully support EGS Spectrum, but also, using a Workbench driver, nearly all existing Amiga Workbench compatible applications will also work on and support the EGS Spectrum system.

- 2Mb of On-Board Memory
  2Mb gives higher resolutions & more colours (1600 x 1280)
- Programmable Resolutions Up To an Amazing 1600 x 1280 - 800 x 600 in 24-bit
- Real-Time 24-bit Display and Graphics Operating System!
- High-Performance 24-bit EGS-Paint Package for Professional Painting and Photographic Editing
- Amiga-RGB Pass-Through so the Amiga and the EGS SPECTRUM can Share a Single Monitor
- Zorro II (16-bit) and Zorro-III (32-bit) AutoSensing for Maximum Performance
- Scan Rates Up To 80KHz
- 80,000,000 Pixels/sec Pixel Display Speed (8-bit)
- Workbench driver to run Workbench directly on the EGS SPECTRUM Board, Freeing Up Valuable Chip RAM
- Hardware Blitter to Accelerate All GUI Operations, Including the Workbench Driver
- System Conforming Applications Can Use the EGS Screenmodes Directly from the Display Database
- EGS Requires Kickstart 2.04 or Higher

2Mb VIDEO RAM
~~£399~~
£349
INCLUDING VAT - VID 7320

G-FORCE 040 40MHz ACCELERATORS

FOR A3000/A4000

MAKE YOUR AMIGA THE FASTEST IN THE WORLD!

Never before has such a powerful processor been available for the Amiga! The G-Force 040 puts a 40MHz Motorola 040, plus built-in 40MHz 68882 FPU into your A4000 (030 or 040) and couples it with up to 32Mb of super fast 32-bit SIMM memory on the board. The Standard board comes with 4Mb RAM - see left for RAM upgrades.

To further increase memory from the maximum 32Mb available on the G-Force 040 card, add one of the two 96Mb memory expansion boards available - see left. These enable you to take your total memory up to an amazing 128Mb RAM, directly connected to this blazing processor.

For maximum performance, a second optional module will be available soon, for a full 32-bit SCSI2*FAST* interface, capable of data transfer speeds up to an amazing 10Mb per second!

- Fast 040 Accelerator + RAM for A3000/A4000
- 40MHz 68040 Processor
- 40MHz 68882 FPU Built-in to the 68040 Chip
- Make your A4000/030 at least 12 Times Quicker
- 4Mb RAM Fitted, Expandable to 32Mb on the Board, to a Total of 128Mb via an Extra Card - see left
- SCSI-II Fast Optional (Pricing TBC)

RAM UPGRADES

The standard board has two GVP 32-bit SIMM sockets, one of which is populated with a 4Mb 60ns SIMM. Available options are:

8Mb	Add 1 x 4Mb SIMM -	(RAM 3246) -	£199 inc VAT
20Mb	Add 1 x 16Mb SIMM -	(RAM 3286) -	£999 inc VAT
32Mb	Remove 1 x 4Mb SIMM and Add 2 x 16Mb SIMMs -	(2 x RAM 3286) -	£1998 inc VAT

RAM BOARD UPGRADES

These optional cards have six GVP SIMM sockets to go up to an extra 96Mb. Add that to the maximum 32Mb on the board for a total maximum RAM of 128Mb.

G-FORCE 040 96Mb RAM BOARDS

4Mb POPULATED	£399 INC VAT - UPG 0874
16Mb POPULATED	£1199 INC VAT - UPG 0896

G-FORCE 040
40MHz 4Mb RAM
£999
INCLUDING VAT - UPG 0840

8-BIT SOUND SAMPLER

FOR ALL AMIGAS

Capture sound from an external source and play it back in stereo or mono on your Amiga. The latest version of GVP's Digital Sound Studio (DSS8+) enables you to create audio effects for use in games or jingles.

- New Style High Impact, Clear Poly-Carbonate Casing
- Simultaneously Holds up to 31 Sound Samples in Memory
- Real-time Oscilloscope, Spectrum Analysis, Echo & Reverberation
- AREXX Compatible
- Microphone Input
- .MOD File & MIDI Compatible
- FREE Samples Disk

DSS8+
~~[illegible]~~
£49
INCLUDING VAT - MUS 2510

VIDEO EFFECTS

FOR ALL AMIGAS WITH 3Mb RAM

CineMorph from GVP opens up the world of Morphing, the process of converting one image to another to create dazzling special effects. Currently very popular in music videos and feature films, morphing has become the fashionable video effect to use. Now with CineMorph you can create these stunning effects on your Amiga.

- Supports the AGA Chipset
- Static or Full Motion Morphing
- Single Image Warping
- Fast Render Times
- Renders to HAM-E and DCTV

CINEMORPH
~~[illegible]~~
£19
INCLUDING VAT - ASC 4422

IMAGE PROCESSING

FOR ALL AMIGAS WITH 4Mb RAM

Image FX is a complete solution for all your image creation and editing needs. It has a vast range of facilities, can read and write to many other different file formats and directly controls a wide variety of hardware.

AMIGA GOLD 92%

- 24-bit Painting
- ARexx Compatible
- Virtual Memory Support
- Load, Save and Convert to the Following Formats: ANIM, BMP, Clipboard, DCTV, DPII/E, GIF, HAM-E, ILBM, IMPULSE, JPEG, RENDITION, SCULPT, TARGA, TIFF AND MORE
- Scanning, Framegrabbing & 24-bit Board Support
  Comes with Modules for Several Hardware Devices: JX100, IV24, AGA/AA Chipset
- Create Animations
- Numerous Special Effects
  Edge Feathering, Shading, Alpha Channel, Morphing, Compositing etc

CINEMORPH INCLUDED!
SEE DETAILS LEFT

IMAGE F/X
~~[illegible]~~
£179
INCLUDING VAT - ASI 2002

ACCELERATORS

FOR AMIGA 1500 & 2000

FAST! 32-bit TECHNOLOGY

GVP offer a range of accelerators for the A1500/A2000 that outstrip the competition for speed and specifications.

G-FORCE ACCELERATORS	030 40MHz	040 33MHz
Speed MIPS*	12.1	30
Processor	68030EC	68040
Maths Co-Pro.	68882 included	68882 in 68040 processor
Std 32-bit RAM	4Mb	4Mb
Max 32-bit RAM	16Mb	64Mb
Extras	SCSI	SCSI Ser/Par
PRICE	£699 INC VAT - UPG 0430	£999 INC VAT - UPG [illegible]

*MIPS: Millions of instructions / second, a normal Amiga runs at .67 MIPS

THE SILICA SERVICE

SILICA 1978 1994 16 YEARS SERVICE TO YOU

Before you decide when to buy your new Amiga products, we suggest you think very carefully about WHERE you buy them. Consider what it will be like a few months after you have made your purchase, when you may require additional peripherals or software, or help and advice. And, will the company you buy from contact you with details of new products? At Silica, we ensure that you will have nothing to worry about. With our unrivalled experience and expertise, we can meet our customers' requirements with an understanding which is second to none. Complete and return the coupon now for our latest FREE literature and begin to experience the "Silica Service".

- **FREE OVERNIGHT DELIVERY:** On all hardware orders shipped in the UK mainland (there is a small charge for Saturday delivery).
- **TECHNICAL SUPPORT HELPLINE:** A team of technical experts will be at your service.
- **PRICE MATCH:** We match competitors on a "Same product - Same price" basis.
- **ESTABLISHED 16 YEARS:** We have a proven track record in professional computer sales.
- **PART OF A £50M A YEAR COMPANY:** With over 300 staff - We are solid, reliable and profitable.
- **BUSINESS + EDUCATION + GOVERNMENT:** Volume discounts are available. **Tel: 081-308 0888.**
- **SHOWROOMS:** We have demonstration facilities at all our stores.
- **THE FULL STOCK RANGE:** All of your computer requirements are available from one specialist supplier.
- **FREE CATALOGUES:** Will be mailed to you, with special reduced price offers, as well as details on all software and peripherals.
- **PAYMENT:** We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

SILICA

SILICA IS A DIVISION OF [illegible] PLC 15150008-4

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

1-4 The Mews, Hatherley Road, Sidcup, Kent, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (3rd Floor), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), 46-50 St. David's Way	0222 399789
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (3rd Floor), Millbrook	0483 301300
HARROW	Debenhams - Open Sept '94, Station Road	081-427 4300
HULL	Debenhams - (2nd Floor), Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (3rd Floor), 334 Oxford St	071-493 3735
LONDON	Selfridges - (Basement Arena), 369 Oxford St	071-629 1234
LUTON	Debenhams - (1st Floor), Arndale Centre	0582 21201
MANCHESTER	Debenhams - (3rd Floor), Market Street	061-832 8666
PLYMOUTH	Debenhams - (3rd Floor), Royal Parade	0752 266666
SHEFFIELD	Debenhams (3rd Floor), The Moor	0742 768611
SHEFFIELD	Debenhams - Open Sept '94, Meadowhall Centre	0742 568555
SIDCUP	1-4 The Mews, Hatherley Road	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Keddies - (2nd Floor), High Street	0702 468039
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 860066

To: Silica, CMUSR-1094-216, 1-4 The Mews, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND ME AN AMIGA CATALOGUE

Mr/Mrs/Miss/Ms: .... Initials: ....

Surname: ....

Company (if applicable): ....

Address: ....

....

....

....

.... Postcode: ....

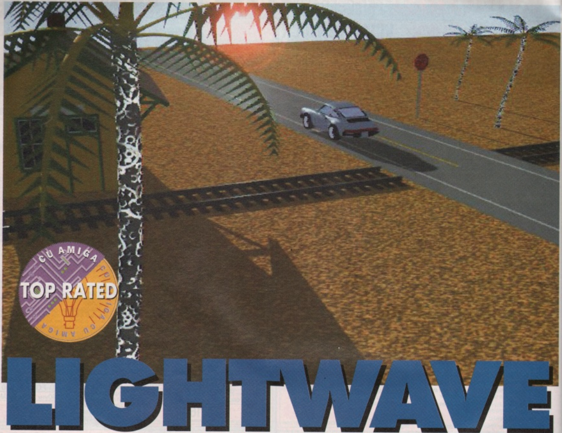
Tel (Home): ....

Tel (Work): ....

Which computer(s), if any, do you own?

....

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.



LIGHTWAVE

Fed up of sitting around doing Jean Luc Picard impressions in his new polo neck Andy Leaning seemed like the best person to review a product that has made a major impact in the US and is about to make one here.

LightWave is a seriously addictive application. After just a few minutes using this excellent 3D rendering package you're hooked. So what exactly is so great about *LightWave* to make us and stateside animators so excited?

Well, the first thing that strikes you is the sheer size of the package. It comes on seven disks with a 300-page manual. These disks contain *LightWave* itself, various tutorial files and numerous objects and surface textures all of which must be installed onto the hard drive using the standard Commodore installer. Once installed you have the option of loading one of four programs: the modeller, the rendering program and secondary versions of each especially written to take advantage of Amigas which have maths co-processors fitted.

To create a 3D image, the first port of call is the modeller program, where the shapes and forms (objects) which make up a 3D image are composed. In this program you can fiddle about with the objects to your heart's content, ie resize them, rotate them and add special effects before you finally set up lighting conditions and then render the scene. In the modeller program, you can also create animations and save the resulting frames out to disk. The rendering program is where the program creates the images for you (from your composition) taking care to calculate where the shadows fall, removing objects hidden behind others and tracking beams of light as they bounce off surfaces.

The modelling program is based around a fairly standard three-view system (front, side and top down) allowing you to see your object as it is built and manipulated from different view points. A fourth view is also available allowing to view your objects in perspective. On this fourth display you can create forms and shapes from a variety of basic geometrical tools such as: box, ball, disc, cone, and a freehand sketch tool. These are used to create an object in one dimension which can then be extruded (ie depth added) in other dimensions, building a 3D form. There are several extrusion facilities, allowing you to extrude along a curved path (ideal for creating organic shapes) or in a set dimension.

Drawing with these tools will build up a collection of polygons and points. The polygons form the flat parts of an object to which you can add colour and texture to give the object a solid look. The points are generally the interconnecting location of polygons and are used as reference points. Polygons can be given surface names which can then be referred to in the rendering application when changing their attributes.

RIGHT TOOLS FOR THE JOB

At first, I thought that this rather limited amount of tools would be a potential problem for creating more complex forms. Admittedly, the grouping of objects into larger shapes is possible, and the freehand sketch tool could create some cool shapes but I was still sceptical. However, I quickly discovered that once a basic object has been set up there are numerous tools available to distort it beyond recognition such as: drilling, shearing, twisting, bending, bevelling, tapering and subdividing an object into its individual elements (a square becomes four straight lines for instance).

Using the combination of these facilities allows the generation of every shape imaginable. Complex objects can also be created through the

Opposite page: This *LightWave* image, which was created on an A4000 with a GForce 040 accelerator, took 17minutes 30 seconds to render.

Above: Yeah okay it's predictable that we'd do this, but it's a nice way of showing off a Marble texture.

use of layers. This is a system whereby different objects are stacked upon one another, and the 'layers' to be edited and viewed can be determined by the user at will. This prevents the accidental moving or editing of the wrong objects when building up multi object shapes.

Other aids to help in the creation of objects include being able to load a background image (over which you can trace), and of course, the ability to cut, copy, clone, rotate, and scale objects.

The modeller's grid is an unusual but handy feature. In most packages, when you zoom in on the grid upon which you create objects changes tends to go out of view and hence you lose your reference points. In *Lightwave*, however, the grid rescales as the view zooms in and out so it maintains constant reference points – it's a bit odd at first but you quickly realise how useful it is.

ANIMATED

One of *Lightwave*'s dominant features is it ability to create animations. This is a particularly strong point and one it completely excels in doing – you need only take a look at the stunning images of space ships flying around the orbiting space station in *Babylon 5* (Monday, Channel 4 6pm) to see just how good it is.

Animations can be created very, very easily. The program works on a key frame basis, ie you create keyframes over the duration of the animation and *LightWave* creates all the frames in between.

To have a space fighter fly out from behind a planet, under an alien battle cruiser, twist and fly back over the top all you need do is set up frames with the fighter behind the planet, under the alien ship, to its side, above it and then back towards the planet on the 0, 25,50, 75, and 100 frames. *LightWave* will then figure out exactly where the ship should go, and what operations are needed to change rotation, size etc between frames and build a 100 frame animation for you!

Not surprisingly waiting for *LightWave* to render the animation could take ages, so a quick wireframe render is also possible allowing you check positions etc.

You can also build up movement paths in the modeller and use these as object flight paths, further increasing the ease with which animations can be built up.

Having created objects you can save them as files, or export them directly to the rendering program. Jumping between the two programs is, incidentally, made easy by having a button on each which when clicked on automatically takes you to the other program.

Once in the rendering program they are viewed on a grid surface, this acts as a ground zero base line. Unlike the modeller program, with its three views, the rendering application has just one view point – a 3D perspective. This perspective means that you can view objects from any position. Manipulation of the viewing angle is simply a matter of selecting the type of movement required and moving the mouse – the view is changed correspondingly to the mouse movement. In fact this approach of clicking on the button describing the action required and then moving the mouse is used throughout the program to control object movement and viewing angles.

ALTERNATIVES

Imagine 3 (reviewed in CU AMIGA September 94 page 110) is probably *LightWave's* main rival . Another possibility is *Real3D* which is apparently about to be upgraded, but as we've got no solid information from its UK suppliers regarding this upgrade we can't comment any further. *Imagine 3* is available from Emerald Creative on 081 715 8866. For *Real3*D contact Activa UK 071-371 5241.

Having loaded an object its surfaces (ie the colour, texture and look of the outside of a shape) can then be set using either procedural textures, IFF texture maps or straight polygon colour fill. Backgrounds can be added, other objects loaded around it, and light sources can be chosen and positioned. Three types of light are available: spotlight, ambient light or point light. These lights can be positioned and the colour set to achieve various effects such as if a lense flare is to appear (popular in space shots). You can alter the light in many ways such as: the amount of fall off the light has over distance, whether it should glow when behind other objects, and the dispersement angle (ie how wide the beam is etc).

When you are happy with the scene (ie the light and object positions) you can set other factors which will determine how the final image will look. These include factors such as: resolution, anti-aliasing levels, colour pallet range (6 or 8-bit HAM, 24-bit etc) alongside more subtle and important considerations, including the film type (11 sizes), the focal distance, lense F-stop, whether it should add motion blur and the amount of detail required (fully ray traced, shadow mapped, quick shade, wire frame etc).

It is *LightWave*'s ability to accurately recreate different camera effects and film types that has made it popular with film producers in the US.

CONCLUSION

LightWave is an astonishing program. It may not be the fastest 3D rendering program on the Amiga but it is certainly one of the easier to use one we've yet seen, and also the most flexible.

For ease of use it's simply outstanding, although it took me a while to master some of the more complex functions, I had impressive still frame and animation rendering within a remarkable short period of time.

In terms of reliability it's hard to fault it. In fact, the only time the program did something I didn't expect was when asking it to render images that were to big for the amount of RAM installed, and then it crashed. But in a month and half of use finding just one bug is unbelievable! Recommended to anyone who is serious about 3D rendering – it's simply a great program.

THANKS TO:

LightWave is available from three main sources in the UK.

DPS (tel: 0252 718300) also supplied with their PAR card, Silica 081-309 1111 and Premier Vision (see below).

Many thanks to Silica for supplying the GVP GForce accelerator used in this test.

PREMIER VISION £495

A500 ☒ A500+ ☒ A600 ☒ A1200 ☑
A1500 ☒ A2000 ☒ A3000 ☑ A4000 ☑

8Mb RAM + hard drive needed
PREMIER VISION, 156 BLACKFRIARS RD,
LONDON SE1 8EN TEL: 071 721 7050

EASE OF USE ◆◆◆◆◆◆◆◆◆◇91%

Very intuitive, although the manual could be improved.

VALUE FOR MONEY ◆◆◆◆◆◆◆◆◇◇86%

For what it offers it's fantastic compared to PC programs etc, but a bit pricey for the Amiga.

EFFECTIVENESS ◆◆◆◆◆◆◆◆◆◇95%

Stunning! It produces impressive images and has so many effects.

FLEXIBILITY ◆◆◆◆◆◆◆◆◆◇95%

Wonderful. There are very few visual effects you can't create with LightWave.

INNOVATION ◆◆◆◆◆◆◆◆◆◇92%

An impressive range of effects that other Amiga rendering programs are only just starting to catch up with.

> *The best Amiga 3D rendering application.*

OVERALL 93%

TERRAFORM 2.1

Vista Landscape Generator

André Digard checks out some Vista utilities which are available either as a package or separately.

Ah, those mist covered mountains, trails of lonesome pines and, almost certainly, islands in the sun. Vistanian Rhapsody. You will, I'm sure, have come across several landscapes created with the near ubiquitous *Vista* series of programs. They abound in the latest demos. If you are lucky enough to have *Vista* yourself then you'll know all about the number of man hours lost trying to find that particular landscape using all manner of connected numbers. Once you have exhausted all of your friends' phone numbers and have entered as many barcodes as you can find, it tends to get a bit dull trying to create your idea of paradise.

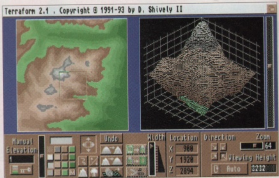
Never fear, *Terraform*'s here! *Terraform* is a program specifically designed to create personalised landscapes. You could even use it to recreate a genuine landscape. It has some simple tools to modify the map; rough, smooth, freehand, mountain, crater and flatten. It also provides a 3D close-up of the map, allowing you to touch up the exact altitude and gain an overall impression of the final scene.

On the whole *Terraform* works very well, letting you edit any *Vista* or *Vista Pro DEM* file. So, if you've discovered that your mouse's serial number makes some lovely little archipelagos, you can now add your own final touches to it. The manual is brief and, whilst a little unclear in places, provides all you need to know without pussy-footing around.

However, there are a few problems with this little program. The first and definitely the most aggravating is that the program will only work in NTSC mode. This means that every time you want to use the program you must either boot into NTSC or select an NTSC monitor from preferences. If you're swopping between *Terraform* and *Vista* then, for convenience, preferences is the only sensible option as it will switch between NTSC and PAL without you having to reset.

Worse still, especially from the average user's point of view, *Terraform* will only work if you have some 'fast memory.' So if you're using *Vista Pro Lite* on an unexpanded A1200, or any other machine with only chip memory, it will refuse to work properly. Using a PD program such as *FakeMem*, available from most good PD libraries, solves this problem but you must change screen mode from preferences.

Lastly, I managed to get the program to flop a couple of times. This means you have to save your work very regularly or risk losing it, worse still the program gave me the option of either retrying the failed operation over and over or to quit, no option to cancel. I was not impressed.


Terraform 2.1 . Copyright © 1991-93 by D. Shively II

Manual Elevation 1

Location X 980 Y 1920 Z 2894

Zoom 64

Viewing Height 3232

It's amazing what a couple of barcodes can conjure up.

Well, maybe I was. Despite these unfortunate shortcomings, *Terraform* is lots of fun. It took a while to get it working but it was definitely worth the wait. If you've already lost a few pleasurable years to *Vista* just wait until you can design your own landscapes. *Terraform 2.1* will keep you enthralled for far longer than almost any game. If you use *Vista* professionally, this is a must. Best of all is the price, which is what most utilities should cost, so I automatically forgive most of the faults.

WARNING: You must have *Vista, Vista Pro* or *Vista Pro Lite* for this program to be any use.

Available from: Emerald Creative Technology Rapid House, 54 Wandle Bank, London SW19 1DW. Tel: 081 715 8866.
Price: £9.95

90%

……

MAKEPATH

VISTA UTILITY

Another little ground shaker for *Vista*. *MakePath* is used to create wonderfully-smooth animations of landscapes. The program is based around what its name suggests, that of making a path for the camera to follow. What immediately sets it up as an essential is that the path will always be smooth. *MakePath* calculates a nicely curved, mathematically defined flightpath for the camera, following contours and corners with extraordinary grace.

The path you have defined can be edited, with extra points added or removed, the number of frames changed, the speed of animation altered or even just some little tweaking of the exact flight path. It really is very easy to use. You can chop and change as much as you want to. You can define your vehicle from a number of presets, including helicopter, cruise missile and dune buggy. You can also define your own vehicle or modify the existing ones. This is done by specifying the altitude, roll rate, pitching and acceleration.

There are also a couple of added effects like the fact that you can 'barrel roll' your camera or you could choose to 'spin' around the landscape (or even both at once, but not if you want to keep your lunch). You can also set the camera to 'shoot' at just one point, giving the effect of looking out of the window of the vehicle.

Once you have defined all of your undoubtedly stunning animation (you'd have to try really hard to make a bad one using this program), you can ask *MakePath* to show you a preview of the flight. It's a little slow, more than a bit clunky and done in wire-frame graphics, but it does give an idea of the end result. This is the only part of the program that could do with a serious upgrade.

In combination with *Terraform*, *Vista* becomes a whole new program. Being able to create your own landscape and then easily define a flight path over it is something else. It will absorb you for months.

For less than a tenner this program is an absolute must. It brings Vista to life in an amazing fashion. You can expect your Amiga to be rendering for days, your hard drive to be filled by ever more ambitious animations and you'll be insisting that someone buys you a canvas director's chair. If you've become bored with *Vista*, get this.

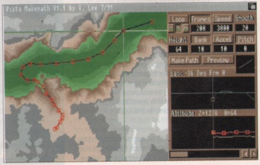
If you're a regular *Vista* user, sing for joy while you're looking for your credit card.

WARNING: You must have *Vista, Vista Pro* or *Vista Pro Lite* for this program to be any use.

Available from: Emerald Creative Technology, Rapid House, 54 Wandle Bank, London SW19 1DW. Tel: 081 715 8866.
Price: £ 9.95

95%

Follow the dotted line in *MakePath* to create wonderful animations.


Vista Makepath V1.1 by V. Lee 7/91

Frames 200 Speed 3000 Smooth 20

Height 64 Bank 10 Accel 10 Pitch 0

Bank -36 Deg Frm 0

Altitude Z=1278 H=64

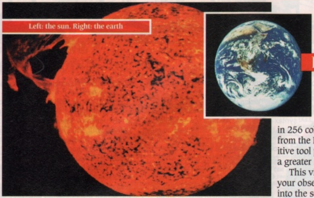
VISTA PRO/PRO LITE

Landscape Generator

If you don't have *Vista* and are interested in creating your own landscapes and animations then Emerald Creative are running an offer that should grab you. For the princely sum of just £49.95 you will get *Vista Pro* or *Vista Pro Lite* with *MakePath* and *Terraform*. For £59.95 you get this package with *Distant Suns* included. *Vista Pro* requires 4Mb or more of memory and *Vista Pro Lite* requires 2Mb or more. Both programs require a hard disk, preferably a big one. Check with Emerald to find out which suits you best. It's a great offer and will keep you captivated for more hours than you thought you had.

Available from: Emerald Creative Technology, Rapid House, 54 Wandle Bank, London SW19 1DW. Tel: 081 715 8866.
Price: £49.95 or £59.95 (includes *Distant Suns*).

Virtual Exploration Starts Here!



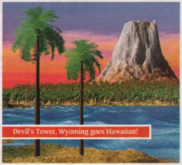
Left: the sun. Right: the earth

Your Door to the Universe Just Opened!

DISTANT SUNS 5.0

Here's your spaceship to distant galaxies and Distant Suns! New features to Distant Suns 5.0 include: AGA support throughout, 3-D Planet Rendering, 2 disks of images in 256 colors (8-bit AGA), 8,000 sample stars from the Hubble Guide Star Catalog, new intuitive tool palette, additional menu choices, and a greater selection of AREXX commands.

This virtual planetarium allows you to set your observatory anywhere on Earth or out into the solar system! View and identify up to 9,100 stars and 450 galaxies, nebulas and star clusters. Reproduce eclipses and lunar phases. Click on any object in the virtual sky for instant access to a full menu of information. £27.95



Devil's Tower, Wyoming goes Hawaiian!

Blow Your Mind With Virtual Reality

VISTAPRO 3.0

Artists, programmers and thrill-seekers agree, Vistapro 3.0 is a spectacular high energy ride with the impact of an all terrain vehicle. The user can accurately recreate and explore landscapes on the earth and Mars in gorgeous 24-bit color. Based on real-world data obtained from NASA spacecraft and the U.S. Geological Survey, Vistapro 3.0 gives you many amazingly accurate landscapes to explore. Soar the Alps... Japan's Mt. Fuji... Big Sur, California... Mt. St. Helens before and after the eruption, even cruise the surface of Mars! It's the next best thing to being there! Vistapro features point and click three-dimensional trees; buildings, roads and grass; clouds; fractal texturing, the ability to generate left and right images for three-dimensional viewing and more! £29.95

VISTALITE

Vistalite is a compact version of Vistapro 3.0 for Amiga computers with 2MB of RAM (1.5 megabytes of contiguous free memory). A number of Vistapro 3.0's features have been simplified so that they no longer require so much memory. With Vistalite, the user gets the same friendly point-and-click interface that is the standard with Vistapro and can still create 'fly-through' animations with Virtual Reality Laboratories' MakePath. Vistalite uses a special 'Tiny' landscape size (130x130 data points), but can still open and use Vistapro landscape files and create billions of unique random fractal landscapes. £29.95

MAKEPATH

Makepath allows users to create complex animation sequences with a few simple mouse clicks. The user has full control over the motion of the model. The program allows the user to control acceleration rate and bank and pitch. £9.95

TERRAFORM

Terraform is a Vistapro Digital Elevation Model (DEM) terrain editor. With Terraform you can modify an existing Vistapro landscape or create your own! Add dams to rivers, roads climbing up mountains — or put your own face on Mars! Includes tool to build mountains, make craters, flatten or roughen areas, or paint elevations. £9.95

VIRTUAL EXPLORATION PACK

Includes: Vistapro 3.0 (or VistaLite), Distant Suns 5.0, Makepath and Terraform. £ 69.95

VISTA EXPERIENCE PACK

Includes: Vistapro 3.0 (or VistaLite), Makepath and Terraform. £ 49.95

All prices are inclusive of VAT 17.5%

Posthaste - Canterbury
Tel: 0277 764204

Mr Disk - Birmingham
Tel: 021 616 1102

JPC - Belgium
Tel: 089 354123

White Knight Technology - Herts
Tel: 0992 714539

Micropoint - Lincoln
Tel: 0522 544510

First Computer Centre
Tel: 0532 311738

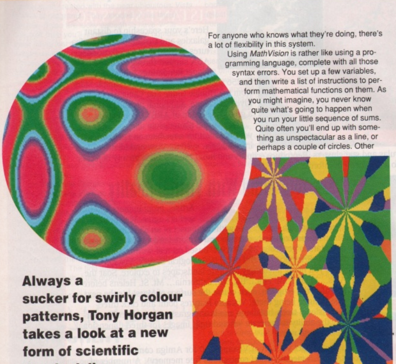
Topsoft - Stockton
Tel: 0642 670503

Epic Marketing - Swindon
Tel: 0793 490988

Hisoft - Bedford
Tel: 0525 718181

Meridian Software Distribution Ltd.

MATHVISION



MathVision comes up with some wonderfully ... er ... colourful images. Turn on colour cycling and come alive!

Always a sucker for swirly colour patterns, Tony Horgan takes a look at a new form of scientific psychedelia.

I thought this was going to be one of those idiot-proof kaleidoscope programs, where you press a few buttons and get lots of pretty patterns. I was right about the patterns, but there's much more to *MathVision* than that ...

MathVision is a kind of fractal generator, although it does a lot more than just the usual Mandelbrot and Julia patterns. In fact, the manual does its best not to mention the word 'fractal' at all. The keyword here is maths, rather than fractals. To get the most out of the program, you've got to be prepared to get your hands dirty with some equations and algebra. This isn't necessarily a bad thing, but the claim on the box that *MathVision* is 'A tool that feels like a game' is way off the mark.

The object of *MathVision* is to create abstract images. It creates these images from a series of calculations. Different calculations lead to different images. However, unlike most fractal generators, with *MathVision* you have to write the formulas yourself – or at least edit the example formulas. For anyone who knows what they're doing, there's a lot of flexibility in this system.

Using *MathVision* is rather like using a programming language, complete with all those syntax errors. You set up a few variables, and then write a list of instructions to perform mathematical functions on them. As you might imagine, you never know quite what's going to happen when you run your little sequence of sums. Quite often you'll end up with something as unspectacular as a line, or perhaps a couple of circles. Other times, you might strike it lucky and generate a wonderful screen of pulsating colour. Usually, you'll get something between the two.

OPEN UNIVERSITY

Once you've created your list of maths functions, you can plot them with one of three options: simple, contour or perspective. These decide how the calculations are translated on-screen. The simple option plots lines, and is usually the least spectacular of the three. Contour is a good choice if you want screens that look like the ties worn by Open University presenters. Perspective draws up a transparent cube, and then fills it with a kind of 3D graph. Each of these three methods has its own set of parameters, which can be tweaked from the menus. By changing these settings, you can create an almost infinite amount of different images from the same formula.

MathVision is more than just a tool for making pretty patterns. It's almost as if the graphics are an excuse for a session of good hard maths. If you can get your head around it, there are loads of things you can do with the program. It comes with a selection of 'hooks', extra modules that can be loaded into the main program to expand its features. These include fractal routines, features for representing maths as sound, and stacks more. It also comes with a number of other add-ons, like the simple paint program that uses semi-random routines for its alternative drawing tools, and there's even a simple morphing/warping section. It could really do with a more disciplined front-end to tie up all these appendages a little more neatly.

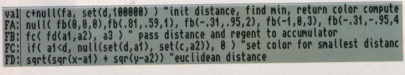
CONCLUSION

If all you're interested in is freaky pictures, then all of this might seem like a lot of hard work – and you'd be right– but the results can be spectacular.

However, if you like messing around with complex maths, just for the hell of it, then this is tailor made for you. You could go on tinkering with it for years, exploring all of its little quirks, features and miscellaneous extra bits. If you get adventurous, you can even write your own hooks, and expand the program to suit your requirements!

To get the most out of *MathVision*, you'll have to be prepared to work through the daunting manual, which explains maths functions with the help of stomach-churning analogies using cabbage juice. If you can get through those without throwing up, then you have my congratulations.

Below: formulas like these that are behind the freaky patterns on this page – you know, just elementary sums and stuff.



```
val c+null(fa, set(d,100000) ) "init distance, find min, return color compute
FA: null( fb(0,0,0),fb(.81,.59,1), fb(-.31,.95,2), fb(-1,0,3), fb(-.31,-.95,4
FB: fc( fd(a1,a2), a3 ) " pass distance and regent to accumulator
FC: if( a1<d, null(set(d,a1), set(c,a2)), 0 ) "set color for smallest distanc
FD: sqrt(sqr(x-a1) + sqr(y-a2)) "euclidean distance
```

SEVEN SEAS SOFTWARE
£TBA

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

SEVEN SEAS SOFTWARE, PO Box 1451,
Port Townsend, WA 98368.
Tel: (206) 385 1956

EASE OF USE ◆◆◆◆◆◇◇◇◇◇50%

Not the most user-friendly system, requiring a good knowledge of maths, but then that's half of the attraction.

EFFECTIVENESS ◆◆◆◆◆◆◆◇◇◇70%

Results vary from fantastic to disappointing.

FLEXIBILITY ◆◆◆◆◆◆◆◆◆◇90%

The possibilities are endless.

INNOVATION ◆◆◆◆◆◆◇◇◇◇60%

A unique package, but suffers from a sprawling design which can make it difficult to use.

> ‘ *The perfect gift for all maths addicts.* ’

OVERALL 68%

SELECTAFONT

SEND NOW FOR YOUR FREE 46 PAGE INFO PACK

PIC n MIX
from over 4000 Fonts in ADOBE or COMPUGRAPHIC Format. Or select from 164 Disks (12 Fonts per Disk)

FASTEST MAIL ORDER COMPANY ON EARTH! (6 hr response)

Over 4000 Fonts now in Stock!

Fonts from as little as 7pence!

STRUCTURED CLIP-ART

Wordworth v3, Final Writer, Pro-Page, Pro-Draw, Pagesetter v2/v3 Pagestream, Expert Draw, Pro-Vector, Art Expression.

ARTIST DRAWN QUALITY CLIPS AVAILABLE FOR ALL THE ABOVE PROGRAMS. ONLY AVAILABLE FROM SELECTAFONT.
CURRENTLY AVAILABLE:

BIRDS: 3 DISKS (47 CLIPS) 14.99
ANIMALS: 2 DISKS (40 CLIPS) 9.99

Many other Structured Clips

New additions every Month

FONTBUSTER
41 DISKS (500 Fonts) £34.99
Choose from 4 Different Volumes

TECHNICAL Helpline for all Customers

CLIPBUSTER
23 CLIPART DISKS £24.99
(ALL Disks have Image Catalogues)

INK-JET/BUBBLEJET SERVICES

Having used Ink-Jets for 3 Years, we feel we are in a unique position to offer a first class service to all of our customers. We only supply PREMIER ink refills for all printers which we GUARANTEE will give a BETTER quality than from your original Cartridge. We also supply a comprehensive range of Ink-Jet/Bubblejet Consumables including: COLOUR KITS/ORIGINAL CARTRIDGES/CLEANING KITS

Single Refills	£6.99
Twin Refills	£12.99
6 Pack Refills	£24.99

available in Black/Cyan Magenta/Yellow/ Green/Red/Blue

NEW! NEW! NEW! NEW!
Waterproof Black Ink
Single Refill: £7.99
Twin Refill: £14.99

IFF CLIPART
We only supply Hi-res Clips that we have created ourselves. All disks come with image catalogues

NEWSFLASH!
NEW VECTOR CLIPART COLLECTIONS NOW AVAILABLE

We have the UKs Largest Collection of SCALEABLE CLIPART
(No Jaggies No Hassle!)

For a FREE Comprehensive Printout of all Fonts and Details of our other Services
PHONE 0702 202835 or FAX 0702 200062 24 HR SERVICE
or WRITE TO US!
Please include Details of your System set-up and the Software you wil be using.

No Silly Info Pack Prices Here!

ACCESS/VISA/BARCLAYCARD MASTERCARD
CREDIT CARDHOTLINE:
0702 202835

SELECTAFONT (DEPT CU),
84 THORPE ROAD, HAWKWELL
Nr HOCKLEY, ESSEX SS5 4JT

BEEVOUS
CARPENTER
CHILLI
CHINESE
CSDJERSEY
RIBBONS
HEADHUNT
INDIANA
KEYBOARD
MEDUSA
MiamiNite
OLDEWORD
OREGON WET
ORIENTAL
BLOCK!
CALLIGRAPHY
CRACKLING

POSTCRYPT
QUBIST
RANSOME
SHANGHAI
SHRAPNEL
STAR
STEEL
STENCIL
STRETCH
TOYBLOK
WEDGIE
WOBBLER
ZORRO
SWINGER
Tintopetto
OpenHouse
PEACE
POWERLINER
StarStruck
SALTER

NEW GENLOCK FROM RENDALE

At last, the new Super-VHS genlock from Rendale is available. The Super-9402 is a true S-VHS genlock, offering high quality output, together with other features. It offers the ability to fade Amiga graphics in and out, and also to cross fade between Amiga graphics and your video input. Various extra modes are offered, including two keyhole modes.

Buy this new genlock directly from the manufacturers, at a price of only £299 including VAT and delivery.

COME TO **RENDALE,** GET THE BEST.

Contact: **Marcam Ltd., 62 Tenter Road Moulton Park,**
Northampton NN3 6AX.
Tel: 01604 790466 Fax: 01604 647403
Quote CU Amiga.

Easy PD

PO Box 36, Frodsham, Warrington, WA6 6DJ

Simply The Best Public Domain Software Arou
High Quality And Low Prices - No Compromis
Dedicated To Helping Novice Amiga Users
Lightning Fast Processing Of All Orders
Telephone Enquiries Welcome - 0928 732 550

GAMES

☐ **18th Hole**
(CAT 225 - 2 DISKS- NOT 1200)
This is a very good looking over head golf game. Good multi player fun.

☐ **3D Games Series**
(CAT 849 - 1 DISK)
Includes a brilliant 3D adventure game, which is absolutely huge.

☐ **Automobiles**
(CAT 2957 - 1 DISK)
This is a hot new Skidmarks type of game for upto three players. It looks great and plays well.

☐ **Advanced Hero Quest**
(CAT 1920 - 1 DISK)
Let the computer be the game master, and provide the challenge You need the board game to play.

☐ **Deluxe Galaga**
(CAT 1974 - 1 DISK)
A true classic as far as shoot em up games go, and fantastically professional with it. Re-live some arcade nostalgia now.

☐ **Diplomacy**
(CAT 1909 - 1 DISK)
A very competent computer version of that great board game.

☐ **Gnu Chess**
(CAT 2042 - 1 DISK - NOT 500)
A very good looking playable chess program. Easily one of the best around.

☐ **Golden Oldies**
(CAT 1308 - 1 DISK)
A wonderful collection of arcade classics from the early days. A good nostalgia trip

GAMES

☐ **Grand Prix 93**
(CAT 2692 - 1 DISK)
A surprisingly deep and highly involved management game.

☐ **Gush**
(CAT 1209 - 1DISK)
This is probably the best version of Pipemania you can get. Very playable and very addictive.

☐ **High Octane**
(CAT 680 - 1 DISK)
This is a corking over head car racer for two players. It's full to the brim with thrills and spills, and plenty of weapon pick ups.

☐ **Jellyquest**
(CAT 2336 - 1 DISK)
A sort of Q-Bert puzzler, and a good one at that. Quite fiendish.

☐ **Klawz The Cat**
(CAT 1735 - 1 DISK)
This is a lovely cute platform game, with classic gameplay.

☐ **Knights**
(CAT 1098 - 1 DISK)
A very very good playable two player over head adventure game.

☐ **LCD Dreams**
(CAT 1789 - 1 DISK)
A collection of four old LCD hand held games re-vamped for the Amiga. Great stuff.

☐ **Overlander**
(CAT 2157 - 1 DISK)
An up dated version of the old classic Moon Patrol game. Fab.

☐ **Pop Quiz**
(CAT 2250 - 1 DISK)
Test your knowledge of pop history with this pop-tastic quiz.

GAMES

☐ **Red Dwarf Quiz**
(CAT 887 - 1 DISK)
Test your knowledge of the TV series with this Dwarf-tastic quiz. It's very though indeed.

☐ **Road To Hell**
(CAT 565 - 1 DISK)
Yet more over head racing in yet another great game. This time you can customise your car as well.

☐ **Starbase 13**
(CAT 1213 - 2 DISKS)
This is an epic graphic adventure with lots to solve. It's very playable, and quite funny.

☐ **Task Force**
(CAT 2122 - 1 DISK)
Just happens to be a stonkingly good Space Crusade type strategy combat game. Play it Now!

☐ **Tetren**
(CAT 66 - 1 DISK)
Tetren is a very good Tetris clone. It features a good selection of new oddities, and two player option.

☐ **T.M.A.**
(CAT 698 - 1 DISKS)
This is a demo version of a very good arcade adventure game which is very swish indeed.

☐ **Total War**
(CAT 1043 - 1 DISK)
A brilliant version of the board game Risk. Six players computer or human compete, and battle.

☐ **Wacko Jr In Wonderland**
(CAT 273 - 1 DISK)
A delightfully cute platform game which should easily please any kids, or even a few adults too!

ASSASSINS

☐ **Assassins 3**
(CAT 104 - 1 DISK)
Megaball - great breakout game
Drip - polished Painter game.

☐ **Assassins 123**
(CAT 173 - 1 DISK)
Includes the excellent Artillerus 2 which is brilliantly addictive, and for up to eight players.

☐ **Assassins 114**
(CAT 185 - 1 DISK)
International Cricket is on here, and so is Insectoids 2. Brill.

☐ **Assassins 95**
(CAT 286 - 1 DISK)
Includes two football manager games which are quite different from each other.

☐ **Assassins 138**
(CAT 1348 - 1 DISK)
Includes the un-missable game Scorched Tanks. Totally addictifve, and great multi player fun.

☐ **Assassins 128**
(CAT 1632 - 1 DISK)
Three brilliant versions of some arcade classics. Includes - Space Invasion, Deluxe Pacman and Solar System Wars.

☐ **Assassins 139**
(CAT 2282 - 1 DISK)
Includes a good fruit machine game, and a weird breakout.

☐ **Assassins 182**
(CAT 575 - 1 DISK)
Includes Colorial Conquest a huge Sim/Combat game which is very involved, and tough!

☐ **Assassins 190**
(CAT 779 - 1 DISK)
Includes Gravity Force 2 and the four player Dogfight game.

MUSIC/DEMO

☐ **Fairlight 242**
(CAT 2781 - 1 DISK)
Contains a very long video sequence set to the usual techno type music.

☐ **9 Fingers**
(CAT 383 - 2 DISKS)
An audio visual feast brought to you from Spaceballs. It's pop-video tastic and no mistake.

☐ **Aluminium**
(CAT 2419 - 1 DISK)
A nice new demo with a nice little ray traced animation.

☐ **Armagedon**
(CAT 182 - 1 DISK)
A hot demo with good design and a good original bit of music.

☐ **Arte**
(CAT 562 - 1 DISK)
A graphical extravaganza of a demo with funky-tronic music.

☐ **Attraction**
(CAT 1243 - 1 DISK)
A great music disk with some lovely thoughtful music.

☐ **Basso Continuo**
(CAT 1059 - 1 DISK)
Ten excellent funky tunes are on here for your listening pleasure.

☐ **Doop Re-mix**
(CAT 337 - 1 DISK)
A good re-mix of that chart topping tune.

☐ **Gastric Ulser**
(CAT 2724 - 1 DISK)
A good collection of some very hard rave tunes. Not for the feint hearted listener.

MUSIC/DEMO

☐ **Gospel Karaoke**
(CAT 10 - 1 DISK)
It sounds unbelievable, but it i
Karaoke Amiga!

☐ **Jesus On Cheese**
(CAT 1251 - 1 DISK)
A flashy fast paced rave demo
which will have you seeing th

☐ **Kaos Theory**
(CAT 1114 - 1 DISK)
It's rave-omatic Amiga time w
some seriously hard tunes.

☐ **Piece Of Mind**
(CAT 980 - 1 DISK)
A great 3D extravaganza dem
with some very classy music.

☐ **Scoopex 2 Unlimit**
(CAT 2241 - 2 DISKS)
Good old Scoopex supplies 3
well produced 2 Unlimited m

☐ **Sequencial**
(CAT 547 - 1 DISK)
A roller coaster of a demo.

☐ **For Your Mind**
(CAT 2462 - 1 DISK)
Fast video, fast music, a reall
moving experience for sure.

☐ **State Of The Art**
(CAT 19 - 1 DISK)
An all time classic demo. Bri
visuals and a cracking dance

☐ **Star Trek Rave**
(CAT 2390 - 1 DISK)
Is nothing sacred? Apparentl
A silly story with pictures w
provide a good laugh

☐ **Techno Tracks 2**
(CAT 1664 - 1 DISK)
Awesome music and some g
visuals make this a must.

ALL THE DISKS LISTED ON THIS PAGE ARE COMPATIBLE WITH ALL AMIGA COMPUTERS UNLESS OTHERWISE STATED

USEFUL

☐ **600 Business letters**
(CAT 291 - 1 DISK)
Lots of letters for lots of things.

☐ **Account Master**
(CAT 1817 - 1 DISK)
A good little accounts program to help keep your books.

☐ **Amibase Pro 2**
(CAT 293 - 1 DISK)
Probably the best database program you can get. Very usable indeed.

☐ **Astronomy**
(CAT 2847 - 1 DISK)
Produces very detailed planetary information for astronomers.

☐ **Audio Magic 7**
(CAT 1058 - 1 DISK)
Audio utilities including the very good Quadra Composer, a very professional music sequencer.

☐ **Classic Utilities**
(CAT 1863 - 1 DISK)
A true collection of classics that you really should have.

☐ **Create Adventures**
(CAT 1027 - 1 DISK)
A very vice authoring program.

☐ **Crossword Creator**
(CAT 2161 - 1 DISK)
Takes the strain out for you.

☐ **Crunchers Disk**
(CAT 1227 - 1 DISK)
If disk space is getting tight then this disk is definitely for you.

☐ **D-Copy 3.1**
(CAT 2582 - 1 DISK)
The best disk copier you can get.

☐ **Dynamic Skies**
(CAT 1512 - 1 DISK)
An amazing night sky viewer which is feature packed.

USEFUL

☐ **Easycalc**
(CAT 1042 - 1 DISK)
Simply the best spreadsheet.

☐ **Edword Pro 4**
(CAT 2071 - 1 DISK)
A brilliant text editor which has a very good feel about it

☐ **Forecaster**
(CAT 607 - 1 DISK)
If you're a betting man/woman, this disk could be up your street.

☐ **Grinder**
(CAT 1249 - 1 DISK)
A versatile screen converter.

☐ **Hyperdrive**
(CAT 1116 - 1 DISK)
Creates a protected RAM disk.

☐ **Inscript**
(CAT 2693 - 1 DISK)
A simple easy to use and effective video titling program.

☐ **Mandelmania**
(CAT 820 - 1 DISK - NOT 500)
A very fast fractal generator with fast zoom in and out.

☐ **Mandelplot**
(CAT 90 - 1 DISK)
An excellent shareware fractal generator. Tons of fractal types.

☐ **Magnum**
(CAT 2666 - 1 DISK)
A good disk magazine creator.

☐ **Opti Comms 2**
(CAT 2357 - 1 DISK)
An excellent collection of tools for use with you modem.

☐ **PC Task 2**
(CAT 1281 - 1 DISK)
A working demo of this very good PC emulator program.

USEFUL

☐ **Pools Tools 2**
(CAT 442 - 1 DISK)
A great rich quick program ? Could be Couldn't it.

☐ **PP Mini Crunch**
(CAT 838 - 1 DISK - NOT 500)
A user friendly interface for the excellent Powerpacker. Very nice.

☐ **S-I-R-D-S**
(CAT 2214 - 1 DISK)
Create your very own stereogram pictures and baffle your friends.

☐ **Start Of The Art**
(CAT 2317 - 2 DISKS)
These disks are packed chocker with various graphics programs.

☐ **Starview**
(CAT 1610 - 1 DISK)
A night sky viewer which even marks out the contellations.

☐ **Text Engine 4**
(CAT 1464 - 1 DISK)
The best word processor there is. Very well suited to the Amiga.

☐ **The Money Program**
(CAT 1811 - 1 DISK)
An excellent home money monitor program. Very useful.

☐ **Utlity Disk Maker**
(CAT 2371 - 1 DISK)
Proves very helpful for creating your own disks, serious or not.

☐ **Virus Checker**
(CAT 770 - 1 DISK)
This essential disk always has the very latest version of the premier Amiga virus detector/killer

☐ **X Beat Pro**
(CAT 415 - 1 DISK)
A very friendly music sequencer program. Very good for learners.

ANIMATION

☐ **Animation Studio**
(CAT 2406 - 1 DISK)
A fantastic program to ger you started in animation. Features the onion skin laÿering technique.

☐ **Boat**
(CAT 933 - 1 DISK)
A very nice animation of a typical english garden scene, with a boat.

☐ **Bonds Last Stand**
(CAT 835 - 1 DISK)
Bond cops it at last, and not before time too.

☐ **Human Cannonball**
(CAT 1599 - 1 DISK)
An amusing story of how not to be a human cannonball.

☐ **Linus**
(CAT 1018 - 1 DISK)
A very original anim with a very good cartoon atmosphere.

☐ **Main Actor**
(CAT 1236 - 2 DISKS - NOT 500)
Top animation editor/player. Allows creation of very high resolution animations e.i. HAM.

☐ **Raging Hormone**
(CAT 2780 - 1 DISK)
Poor old hormone tries to pull a bird. He should know better.

☐ **Raging Hormone 2**
(CAT 2473 - 1 DISK)
That thick hormone just doesn't know when to stop. Very funny.

☐ **Raging Hormone 3**
(CAT 2130 - 1 DISK)
Hormone passes on what he has learnt to his son. What a shame.

☐ **Savings**
(CAT 112 - 1 DISK)
The post office savings advert quite a novel end. Funny.

MISCELLANY

☐ **AMOS Libraries**
(CAT 344 - 1 DISK)
This great disk includes five new command extension libraries for Amos ver 1.3/Amos pro. A must.

☐ **Communicate**
(CAT 279 - 1 DISK)
Learn how to communicate with sign language and many more.

☐ **Octamed Tutor**
(CAT 2456 - 1 DISK)
An excellent guide to getting the most from Octamed or MED.

☐ **Spectrum Emulator**
(CAT 1446 - 1 DISK)
Turn your Amiga into a 48k ZX Spectrum. A fastish Amiga is recommended though.

☐ **Speccy Classics**
(CAT 498 - 1 DISK)
A collection of classic old Spectrum games for use with the above emulator program.

☐ **Speccy Classics 2**
(CAT 1499 - 1 DISK)
More great games for emulator.

☐ **Speccy Classics 3**
(CAT 2993 - 1 DISK)
And yet more corkers.

☐ **The Invisible World**
(CAT 1786 - 1 DISK)
A visual insight into the tiny world of microscopic bugs.

☐ **Ultimate Cheat Disk**
(CAT 2583 - 1 DISK)
Another disk packed to the gills with game tips and cheats.

☐ **Vic 20 Emulator**
(CAT 1087 - 1 DISK)
Turn your Amiga into a VIC 20. Comes with tons of games. Needs a fast Amiga to fully appreciate.

1200 ONLY

A COLLECTION OF DISKS FO
AMIGA 1200 COMPUTE

☐ **AGA Diagnostic**
(CAT 1866 - 1 DISK)
Check out your computers h

☐ **Big Time Sensual**
(CAT 2215 - 2 DISKS)
An audio visual treat of a de
with stunning graphics and
almost CD quality soundtra

☐ **Friday At Eight**
(CAT 2033 - 1 DISK)
A very fast paced demo wit
really brilliant music track.

☐ **Full Moon**
(CAT 1740 - 1 DISK)
A brilliant demo with a spo
and a good pacey tune.

☐ **Klondike Deluxe**
(CAT 782 - 3 DISKS)
A patience card game with
very beautiful picture cards

☐ **Love**
(CAT 898 - 2 DISKS)
A lovely new demo. Nuff s

☐ **Maximum Overd**
(CAT 2986 - 2 DISKS)
A very long full motion vid
which lasts ages.

☐ **Megaball AGA**
(CAT 842 - 1 DISK)
The most popular breakout
game gets even nicer. A m

☐ **Real**
(CAT 2379 - 1 DISK)
Possibly the best AGA den
date. Totally awesome.

☐ **Relokick 1.4**
(CAT 2918 - 1 DISK)
Brings downward compati
your new 1200 to help get
those old programs workin

THE EASYBASE CATALOGUES

Easybase is a unique PD database program that is exclusively available from us. It is very user friendly and easy to use. It features total on-line access to the mini reviews of all the titles. It also features a unique ordering system which does all of the hard work for you. So forget those boring lists and get somthing which is actually useful in finding the disks you want.

Easy PD catalogue disk is free with you first order. You only need the one. It will be updated with every order.

Fred Fish catalogue is available for 50 pence. It features thousands of programs in the Fish library.

HOW TO ORDER

You can either tick the titles you require on this advert and then send it back to us, or you can write the catalogue numbers of the titles you require on a sheet of paper. Carefully count how many disks your order is, and then multiply it by the correct amount. Send your oreder with a cheque/Postal Order payable to "Easy PD" to the address above.

Disks are £1.00 each, or just 90p for ten or more!

Postage is 75p UK (plus 20p per disk in Europe)

Please make all payments in sterling through a British branch of your bank

Easy PD Order Form

Name ....
Address ....
....
....
Post Code Tel.

SMART STOR

It's fast, it's compact and it's smart, just like Andy Leaning. What a coincidence. Our tech editor looks at the Smart Stor external hard drive for A600 and A1200.

The Archos Overdrive is well known in the Amiga market as one hell of a hard drive for the A1200. It has established a name for itself as the fastest hard drive available, whilst also being the easiest to fit – it just plugs into the PCMCIA interface on the side of the Amiga.

However, the Overdrive wasn't the first Amiga 1200 hard drive Archos developed. It was actually their second model, its predecessor being considerably smaller, and in many senses more practical. Unfortunately, it was never released in this country, and so has until now been relatively unknown.

Now Indi have rebadged it and released it under the name of 'SmartStor', and, as luck would have it they are also selling the OverDrive under the name of the SmartStor Plus.

Although SmartStor is an earlier version of the OverDrive, it differs in a number of ways. Firstly it is much smaller, and doesn't have the slick styling or elegant design of its predecessor. Instead, it comes as an ugly black box, that conflicts with, rather than complementing, the casing of the A600 and A1200. This somewhat unappealing presentation is for a reason, though. Unlike the OverDrive which uses 3.5" hard drive mechanisms, the SmartStor is based around smaller 2.5" drives, and so Archos designed the casing to surround these tiny drives with the minimum of wastage, saving money. For this reason SmartStor drives are very cheap.

Tiny. Not only small in size the SmartStor is also small in capacity, storing typically just 20 or 30Mb.

The SmartStor connects to the credit card PCMCIA slot on the side of the Amiga, in exactly the same manner as the OverDrive and takes its power from this interface – there is no external power supplied input available here.

Once connected you simply turn on the Amiga and up it pops as a new device. Workbench, however, hasn't been pre-installed on the system in advance, so you'll have to do this before you can use SmartStor.

WARP SPEED

Once it is up and running and everything's been installed it's very pleasing to use. I encountered no major problems whilst testing it, and loading applications and data revealed fairly rapid access times and transfer speeds. It's not quite up to the speed of the OverDrive (one of the fastest drives CU AMIGA has ever tested), but it's certainly faster than many of the internal A600 hard drives that are available.

The diminutive physical size and easy plug-in-and-go operation of the unit also makes it the most portable hard drive yet for the Amiga. It's great being able to load up your programs, unplug it, nip round to your friends and have the programs instantly available. A major advantage for Amiga users on the move!

MISSED OPPORTUNITY

The Amiga has a long tradition of external hard drives and since GVP launched the HD8+ for the A500 it's been popular for developers of such peripherals to also build further expansion potential into them – ie extra RAM, pass through ports and the like.

After all if you've got a box housing the hard drive, why not fill it with other stuff. However, Archos have not followed this tradition and the SmartStor is nothing more than a hard drive – a missed opportunity if ever there was one.

CONSIDERATIONS

For A600, and to some extent the A1200, the SmartStor will be a welcome and useful expansion, providing an easy and simple hard drive upgrade. The only problem is the limited size of the configurations available, ie, just 20Mb or 30Mb. This is definitely not big enough for use on an A1200, but is passable on the A600 – but you're likely to run out of space sooner rather than later.

It could also do with a proper manual, in this month's Points of View (see page 162) I have complained about companies releasing product with awful packaging and manuals and, as if to prove a point, SmartStor turns up with a single A4 sheet for a manual! There is definite room for improvement here!

These limitations and the poor casing design mean that I can't give SmartStor as high a rating as the underlying technology deserves, but if you can live with the small capacity and styling it's an extremely good product. CU

SMARTSTOR £139/£169

A500 ☒ A500+ ☒ A600 ☑ A1200 ☑
A1500 ☒ A2000 ☒ A3000 ☒ A4000 ☒

INDI, 1 RINGWAY INDUSTRIAL ESTATE, EASTERN AVENUE, LICHFIELD, STAFFS WS13 7SF. TEL: 0543 419999

EASE OF USE ◆◆◆◆◆◆◆◆◇◇80%

Not putting Workbench on it for you is a bit tight, but otherwise it's great.

VALUE FOR MONEY ◆◆◆◆◆◆◆◆◇◇87%

One of the cheapest hard drives available.

EFFECTIVENESS ◆◆◆◆◆◆◆◆◆◇90%

It's fast, compact, and does its job flawlessly.

FLEXIBILITY ◆◆◆◆◆◆◆◆◇◇80%

As an external expansion box Archos missed out but not putting in further expansion potential (ie RAM and pass-through ports!)

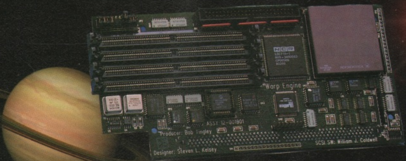
INNOVATION ◆◆◆◆◆◆◆◆◇◇80%

Great little product, but a bit dated with the OverDrive having been out so long.

> *A worthy buy for A600 owners, but A1200 owners should look for a bigger capacity drive.*

OVERALL 85%

WARP ENGINE



Complete Acceleration Solutions for the Amiga A4000 and A3000 Systems. The WarpEngine™ provides the Highest Speed 040 Acceleration available with up to 128 Megabytes of Local 040 Burst Memory™ and the Fastest SCSI-2 HardDrive Controller Available! All of this WITHOUT using a single Zorro III Slot!

The WarpEngine™ can also be upgraded to use the 060 in the future!

The ImpulsEngine™ is a 50MHz Accelerato that can more than double the speed of Amiga3000 and add up to 64 Megabytes o Local 030 Burst Memory™

Dramatically Increase Speed for 3D Rendering, Modeling and Layout. Reduces Screen redraw times for Graphic Design and DTP.

How Fast is the WarpEngine™:

Rendering the Texture example included with LightWave:	A4000/040-25MHz	2 minutes, 40 seconds	
	A4000Warp-40MHz	Under a minute	- **Approximately 3 Times Faster!**
	A4000Warp-28MHz	1 minute, 22 seconds	- **2 Times Faster**
Diskspeed using 2.1Gig Barracuda Drive: Read from file 9 Mbytes/sec		CPU Available: 94%	- **up to 9 Times Faster!**

- Works in all 3000, and 4000 series amigas.
- Full Two Year Warranty on Board

WarpEngine 4040 WarpEngine 3040	£1199.00 (RRP)
WarpEngine 4033 WarpEngine 3033	£ 999.00 (RRP)
WarpEngine 4028 w/CPU	£ 799.00 (RRP)
WarpEngine 4028	£ 599.00 (RRP)

All Prices include VAT

The Ideal Solution for anyone dealing with digital Video or Audio Post Production. Recommended for use with the DPS Par card, VLab Motion and the Sunrise AD516

Exclusive UK Distributor
Premier Vision
156, Blackfriars Rd.
London SE1 8EN
Ph. 071 721 7050

Features	WarpEngine	GVP-040/40	X-Calibur	FastLane	4091	DKB3128
28MHz, 33MHz, 40MHz Versions	YES	NO	NO	NO	NO	NO
28MHz Upgradable to 33 or 40MHz	YES	NO	NO	NO	NO	NO
Expandable onboard to 128Megabytes	YES	NO	YES	YES	NO	YES
Built in SCSI-2 Fast Hard Disk Controller	YES	NO	NO	YES	YES	NO
Uses Industry Standard Amiga SIMM Modules	YES	NO[1]	YES[2]	NO[3]	NO	YES
Uses any Combination of SIMMs	YES	NO	NO	NO	NO	YES
Allows use of the Memory from the Amiga	YES	NO	YES	NO	NO	YES
Uses a Zorro III slot	NO	NO	NO	YES	YES	YES
Memory Speed Much Faster than Amiga Ram	YES	YES	YES	NO	NO	NO
Works in Amiga 3000	YES	YES?	NO	NO	NO	Yes
Zorro III DMA or Buster Problems	NO	NO	NO	NO?	YES	?

The speed of Ram installed on a Zorro III Memory board is about 30 to 40% slower than the Ram on the motherboard. [1] GVP uses custom memory modules that can cost up to 1.5 times as much as the standard memory used on WarpEngine. This memory can only be used on a GVP accel. Bd. [2] The X-Calibur requires you to install 2 SIMMs at a time. [3] The FastLane uses old 8Bit memory modules that must be installed 4 at a time.

Appointed De
Premier Vision
156, Blackfriar
London SE1
Ph. 071 721 7

Power Comput
44a Stanley St
Bedford MK41
PH. 0234 273

White Knight
Technology
33 Queens Rd
Waltham Cros
Herts EN8 7H
Ph. 0992 714

MacroSystem Development, Inc.

24282 Lynwood, Suite 201 • Novi, MI 48375 • Phone (810) 347-3332 • Fax (810) 347-6643

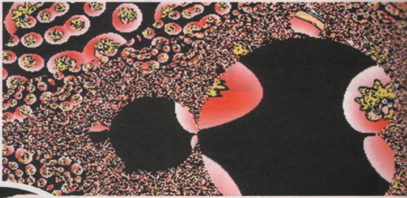
IMAGE MIRROR

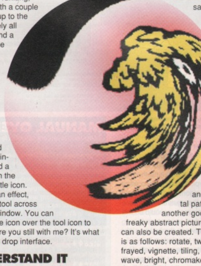
Warped images from a warped mind? Tony Horgan twists a few pixels with a new image processor.

There are surprisingly few image processors available for the Amiga. *Art Department Professional*, *Image Master* and *Image FX* are the main three, but now there's a new alternative in the shape of *Image Mirror*.

Before you can do anything with *Image Mirror*, you'll need to free up at least 10Mbs of hard drive space. As the program uses its own form of virtual memory (using the hard drive for temporary storage to reduce the amount of RAM needed), you can't use it on a floppy system.

Once it's up and running, you're presented with a couple of windows. Scoot up to the menus, and strangely all you get is a Save and a Quit option. All of the image manipulation is carried out by moving icons around in the windows. These are arranged with all the 'tools' or effects in the left window, and the other functions (loading, saving and so on) in the right window. When you load a picture, it appears in the right window as a little icon. To pass it through an effect, you need to drag a tool across from the opposite window. You can then drag the picture icon over the tool icon to start the process. Are you still with me? It's what they call a drag and drop interface.





Above: the excellent fractal generator is just one of the program's original effects.
Left: if everything's looking just a bit too normal, *Image Mirror* can send your pictures into a whole new spinny, twisty world.

ICON UNDERSTAND IT

All the icons are captioned to let you know of their function. It's a good job too, because otherwise you'd never guess what they did. The icon for 'Render Picture' has a man sticking his head into a microwave oven. The 'Archive' icon shows a man wheeling a shopping trolley past a couple of Egyptian pyramids, and the 'Rename' icon depicts the same man doing magic tricks with a cat in a box. It's more fun than drab menus I suppose.

Unlike most rival programs, *Image Mirror* will not display pictures in anything less than HAM-6 mode (4096 on-screen colours), even if your original picture only had two colours. You can change the display to HAM-8 on an A1200 or A4000, and there are also options for viewing in 24-bits through a Video Toaster or Opal Vision board. All processes are carried out in 24-bits. You can only save out 24-bit files. This is very limiting, unless of course you work with nothing other than 24-bit images. Amazingly, there are no options for loading or saving file formats other than IFF. When you're forced to work with 24 bits, it's totally absurd not to have the option of saving images as JPEGs, which would use far less disk space.

EFFECTS

Effects are *Image Mirror*'s strongest feature. Although there aren't stacks of them, some are quite entertaining.

One of my favourites is the Mandelbrot option, which takes your image, and uses it to plot out a fractal pattern. The kaleidoscope is another good one for creating those freaky abstract pictures. Animations of effects can also be created. The complete list of effects is as follows: rotate, twist, flip, reflect, bubble, frayed, vignette, tiling, parm, kaleidoscope, pic, wave, bright, chromakey, noise, zoom, fade-through, mandel, stretch and morph. Most of these are geared towards distorting your original image, rather than touching up or improving poor-quality screens.

SHORTCOMINGS

Although there are some nice features here, there are also quite a few omissions and shortfalls. Speed is one problem. Many of the processes take ages to render – far longer than they should in some cases. For example, the tile option takes a specified rectangle of the image, and fills the screen with it. This could be done in a matter of seconds, but instead it plods along as if you've got a lifetime to waste.

The assumption that everyone wants to work in 24 bits is unfortunate. There are no options for converting images to different resolutions, or for changing the number of colours. These are basic requirements for any image processor. Unless you use a separate utility for JPEG compression, you could find you soon run out of hard drive space due to the large 24-bit files.

I couldn't recommend *Image Mirror* over *Art Department Professional* or *Image FX*, both of which are far superior in most aspects. However, *Image Mirror* does have some unique effects, and as such would complement a more powerful image processor.

SEVEN SEAS SOFTWARE £TBA

A500 ☒	A500+ ☑	A600 ☑	A1200 ☑
A1500 ☑	A2000 ☑	A3000 ☑	A4000 ☑

REQUIRES WORKBENCH 2 AND A HARD DRIVE

SEVEN SEAS SOFTWARE, PO BOX 1451,
PORT TOWNSEND, WA. USA 98368.
TEL: (206) 385 1956

EASE OF USE ◆◆◆◆◆◆◆◆◇◇80%

The icon-based drag and drop system is simple enough to operate.

EFFECTIVENESS ◆◆◆◆◆◆◇◇◇◇60%

Offers quite a few alternative effects.

FLEXIBILITY ◆◆◆◆◆◇◇◇◇◇50%

Only worthwhile if you work solely in HAM or 24 bits. However, it is held back the by lack of many basic processing features.

INNOVATION ◆◆◆◆◆◆◇◇◇◇60%

Some good ideas and inspiring effects, but does little to advance the state of image processing.

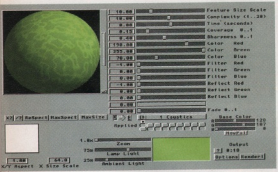
> **“Fun as a secondary image processor but major limitations keep it well behind the leading pack.”**

OVERALL 61%

ESSENCE AND FORGE

Andy Leaning gets down to the essence of 3D textures and forges ahead with some simply stunning new surfaces.

Essence, in a nutshell, is an excellent collection of 3D images which wrap around shapes and objects in 3D ray tracing programs to give the images a realistic finish. It's a superb program.

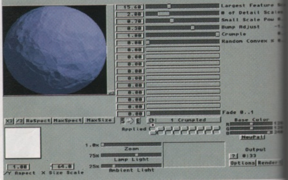


```
10.00   Feature Size Scale
10.00   Complexity (1..20)
0.00    Time (seconds)
0.15    Coverage 0..1
0.40    Sharpness 0..1
150.00  Color  Red
255.00  Color  Green
70.00   Color  Blue
-1.00   Filter  Red
0.00    Filter  Green
0.00    Filter  Blue
-1.00   Reflect Red
0.00    Reflect Green
0.00    Reflect Blue
0.00
0.00    Fade 0..1
1 Caustics
Base Color  R 120  G 187  B 0
1.0x Zoom
75% Lamp Light
25% Ambient Light
Output 0:10
1.00 X/Y Aspect   64.0 X Size Scale
```

This 'Caustics' texture can be used for all kinds of possible effects, from strange alien planets to marble surfaces.

Testament to this is the fact that *Essence I &II* received a CU AMIGA top rated award when they were reviewed back in December '93. Despite the high score there was one major drawback though – you could only use *Essence* with *Imagine*. This was frustrating as *Essence*'s infinite selection of textures couldn't be used with other 3D programs such as *Lightwave* and *Real3D*. Now, thanks to *Forge*, *Essence* textures can be used with any 3D program.

So what exactly is *Forge* and how has it lead to this welcomed ability to use *Essence* with any 3D program? And while we're about it why couldn't *Essence* work with any other program apart from *Imagine* in the first place? The answer to both these questions lies in formats. For example, rather than using standard IFF or jpeg formulas *Essence* uses complex mathematical formulas which, before *Forge*, only *Imagine* could use. *Essence*'s textures are not straight graphics files. Instead they are files containing mathematical definitions – otherwise known as 'procedural textures'. This means *Essence* uses mathematics to create the textures rather than the standard series of dots or iff files.



```
15.60   Largest Feature Sc
2.00    # of Detail Scale
0.70    Small Scale Pow
0.30    Bump Adjust
1.00    Crumple
0.00    Random Convex %
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00    Fade 0..1
1 Crumpled
Base Color
1.0x Zoom
75% Lamp Light
25% Ambient Light
Output 0:33
1.00 X/Y Aspect   64.0 X Size Scale
```

An *Essence* crumpled paper texture does the trick.

The program sets the final image size, colours and other attributes specific to a texture and a resulting image is rendered/created from scratch by running these parameters through a mathematical formula. A typical example would be a mathematical algorithm that creates a grid, and can fill the square in various colours. Input parameters would be the size of the individual squares on the grid, the gaps between the squares, the fill colour, whether to colour every square, every alternate square etc. By setting different values for these parameters you can change the look the final image completely – from a chess board to a city with roads and housing blocks.

There is of course the possibility that someone smart enough could write a program that would load these formulas, let you to change the parameters and then save the resulting textures out as IFFs for use in other programs. This is exactly what *Forge* is. *Essence*, and the program *Forge*, are now sold in a pack by Emerald Creative which allow you to not only save out *Essence* textures as images for use in other 3D programs but also create an amazingly diverse range of new textures.

SLIDE CHARLIE BROWN, SLIDE

Forge provides a very user-friendly front end into which you can load the various *Essence* procedural textures. On loading each texture you are presented with a series of sliders, on the right-hand side of the screen, that effect the look of the texture. To the left of the sliders is a display which shows you the results of your changes. This view can be either spherical (a ball) or rectangular allowing you see how various textures will wrap around corners etc.

In the previewing display, resolution size and the the time taken to redraw the image are in direct proportion to each other. For example, you see a low resolution sample of the effect your changes extremely fast, however higher resolutions versions

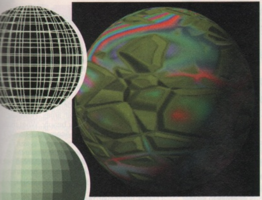
MANUAL OVERRIDE

Computer manuals are notorious for being difficult to understand, badly written and too technical. However, the *Forge* manual is clear concise and easy to read. Not only is it easy to understand and follow, it has a good index and explains everything you need to know, but the author also has a sense of humour which comes across in the manual. There are footnotes throughout, many of which are informative, but a great many are also very entertaining and actually make reading the manual enjoyable. Maximum marks to Alternative Image for a great manual.

VERY ANIMATED

One of the great things about *Imagine* is that surfaces can move. Not only can you have a object moving and rotating but its surface can also move, this allows you to not only create impressive shapes and forms, but also create gas and smoke effects that would otherwise be impossible to produce.

One of the tricks in the armoury of *Forge* is that you can also create these animated textures, just like the static versions. This further adds to the programs flexibility and makes it a powerful tool for 3D animated images.



Here we see the difference various surfaces make to 3D objects. Taking the same object we rendered it with no surface (top left), then a plain polygon surface (bottom left) and finally a full multi-layer Forge texture (above).

take longer. Whilst not being instant this approach allows you to see the changes far quicker than waiting for a full resolution render. Then, once you've come up with a texture you like the look of you can set an anti-aliasing level (making sharp edges look softer) and then render it out at various resolutions and then save the file out in a variety of different formats: 24-bit IFF, JPEG, TIFF, and PPM. The rendering can also be carried out in the background (whilst you work on another screen) and a status bar, telling you how much longer the rendering will take, can be displayed on the Workbench screen.

Having saved the file out as an IFF you then then load this into a 3D rendering program such as *LightWave* and use it as a surface. Given the variety of textures supplied with *Essence*, and the ability to change these with *Forge* you have an infinite range of potential surfaces covering every possible requirement. You can create some amazingly realistic surfaces with the program, and some of the organic textures are very effective.

GAS PLANETS

The diversity of the possible textures is endless. You can load multiple textures at once or layer them on top of one another. For instance, I loaded the plasma surface with a vein surface over the top. Then setting the veins to be very thick, I created an impression of a planet with an unstable core and an outer surface that had solidified over time. Another image involved taking a gas planet texture and overlaying a whirlwind texture giving a Saturn sunspot type look.

In all *Essence* and *Forge* make a superb package. The only downfall however, is the rendering time. Even on my accelerated A4000 040 running at 40MHz a texture of 256x256 pixels can take three or four minutes, whilst higher resolutions can take much longer – 768x768 images ran over an hour in some cases. Despite this setback, this package is recommended.

EMERALD CREATIVE £79.95

A500 ✓ A500+ ✓ A600 ✓ A1200 ✓
A1500 ✓ A2000 ✓ A3000 ✓ A4000 ✓

Needs maths co-processor and really an accelerator.

EMERALD CREATIVE, RAPID HOUSE, 54 WANDLE BANK SW19 1DW TEL: 081 715 8866

EASE OF USE ◆◆◆◆◆◆◆◆◆◆◆ 85%
Slightly complex due to the nature of mathematical textures.

VALUE FOR MONEY ◆◆◆◆◆◆◆◆◆◆◆ 85%
Great value for what it offers!

EFFECTIVENESS ◆◆◆◆◆◆◆◆◆◆◆ 90%
Amazing images, but they are saved out as bit maps meaning there will be some loss of quality when wrapping them out.

FLEXIBILITY ◆◆◆◆◆◆◆◆◆◆◆ 83%
Wow! You can create practically every texture you could ever want.

INNOVATION ◆◆◆◆◆◆◆◆◆◆◆ 90%
An excellent and welcome addition to the already brilliant Essence collection.

> *Vital accessory for anyone serious about 3D graphics.*

OVERALL 93%

LOWEST PRICED TOP QUALITY RIBBONS, INKJETS, TONERS & DISKS

Printer Ribbons

BLACK	1 off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/FX/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesmann Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1 off	2+	5+	10+
Panasonic KXP1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP1080/1180/90/1592	2.89	2.74	2.54	2.34
Panasonic KXP2123/2180	5.75	5.60	5.40	5.20
Seikosha SL90/92/95	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/200	2.86	2.71	2.51	2.31
Taxan Kaga KP810/815/910/915	3.14	2.99	2.79	2.59
COLOUR				
Citizen Swift 24	12.81	12.66	12.46	12.06
Panasonic KXP2123/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/200	9.63	9.48	9.28	8.88

Ring for Ribbons Not Listed

Ring us and WE WILL BEAT all other Ribbon prices

3½" Disks & Disk Boxes

	DS/DD	DS/HD
10 Disks	£5	£8
25 Disks	£11	£16
50 Disks	£19	£29
100 Disks	£32	£52
250 Disks	£75	£115
500 Disks	£145	£206

100 Cap. Lockable Disk Box £5.99 with orders of £10+

Preformatted (MS-DOS) disks available at 2p extra/disk.

All Disks Certified 100% Error Free and INCLUDE FREE Labels.

Inkjets, Ink Refills & Toners

Canon BJ-10/20 Cartridge	17.54 each
Commodore MPS1270 Cartridge	12.13 each
HP Deskjet Cartridge (Double Cap.)	24.24 each
HP Deskjet Tri-Colour Cartridge	28.89 each
HP Thinkjet/Quietjet Cartridge	12.13 each
HP Deskjet Tri-Colour Cartridge Refill	16.00 each

Inkjet Refills (Twin Packs) for Canon BJ-10/20, BJ300, HP Deskjet. Available in Black, Cyan, Magenta, Yellow, Red, Blue,Brown, Light Green, Dark Green and Gold.
1 Pack £11.00, 2+ Packs £10.60 ea, 5+ Packs £9.95 ea

HP Laserjet II/III Toner Cartridge	44.51 each
HP Laserjet IIP/IIIP Toner Cartridge	53.14 each

Ring For Inkjets & Toners Not Listed

Miscellaneous Items

Roll 1000 3½" Disk Labels	8.99
3½" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat	2.99
CPU & Monitor Dust Cover	6.49
Monitor Dust Cover	4.99
80 Column Printer Dust Cover	3.99
Amiga 500 Dust Cover	3.99
Amiga 600 Dust Cover	3.99
Amiga 1200 Dust Cover	3.99

All Prices INCLUDE VAT (@ 17½%) & UK Delivery

0543 250377 0543 250377

Ring us or send cheques to:
Owl Associates Ltd, Dept 253, Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE
Official Government & Educational orders welcome

VISA

E&OE

How To Attract Girls

NEW. Scientists have now isolated and synthesised a natural female attractant - ANDROSTENONE PHEROMONE.

- "Minute quantities were sprayed on a chair in a dentist's waiting room. Women patients made straight for the chair" **Sunday Times**
- "Women are attracted to the smell" **Daily Telegraph**
- "The woman finds the man attractive but she doesn't know why." **Lifestyle,**
- "The stuff attracts women like you would not believe." **Colorado Telegraph**

Successfully tested on BBC TV's "Tomorrows World".

CONTACT 18 contains ANDROSTENONE and Super ANROSTENOL PHEROMONE and is the best quality, most effective pheromone attractant available. Don't be misled by cheaper (or more expensive) imitations. Comes in a discreet 15ml atomiser (lasts 3 months). **It really works! User reports confirm success:**

"CONTACT 18 really does seem to work! The most dramatic instances have occurred when wearing it at discos. Girls just drift towards me and start flirting." **D.T. Cardiff.**

"I knew CONTACT 18 wasn't a gimmick when one of the girls at work, quite out of character, started to seduce me when we were alone in the office." **S.D. Nottingham.**

Price £12.95
Postpaid

SPECIAL OFFER:
Order 2 (£25.90)
and get an extra
CONTACT 18 - FREE!

Fast despatch under plain cover

Trade Enquiries Welcome

MONEY BACK GUARANTEE:
If you are not 100% delighted with CONTACT 18 simply return remainder within 30 days for a full refund - No questions asked.

24 HR CREDIT CARD HOTLINE
☎ 0534 61 71 81

GKS RESEARCH TECHNOLOGY,
PO.Box 117,
St. Helier, JE4 8QZ

To: G.K.S. RESEARCH TECHNOLOGY, P.O. BOX 117, St. HELIER, JE4 8QZ
YES! Please rush me ....bottles of CONTACT 18. I enclose Cheque / P.O.for £......................(Foreign add £3)
Or debit my Access/Visa Act No..
Signature..Expiry Date..........................
Name..BLOCK
Address..CAPITALS
....Postcode..........................PLEASE
Office Suite 3, 20 Britannia Place, Bath Street, St. Helier, Jersey JE2 4SU (but please use the above address which is a secure PO Box in a main Post Office)
(CUA)

ACEEX FAX MODEM

André Digard reaches out, touches Cyberspace, sends his phone bill into orbit, faxes himself around the country and loves every second of it.

Many jokes are told about long evenings spent running up the phone bill, calling up bulletin boards and 'surfing' the Internet. Once you have a modem, though, you quickly realise that the bills are no joke. However, they're definitely worth it though.

It's tempting to spend an entire weekend on the Internet but unless you are independently wealthy or get free phone calls that's just not practical. You soon become adept in the art of 'surfing' (ie logging on, quickly uploading or downloading then logging off to check out what you caught). The occasional prolonged chat or conference happens but usually it's wiser to create mail and carefully select files before calling anyone. Most bulletin boards, however, let you download a list of files and conferences for you to peruse, so you can check it out and then call them when you know where you're going. It makes life much easier (and cheaper).

BUILT FOR SPEED

The Aceex modem isn't going to win any awards for beauty but it comes out tops for speed. It always achieved above 1,600 characters per second (CPS) when transferring archived files. As an example a test file of an archived graphics file sized at 287,462 bytes was transferred in just two minutes and 54 seconds, at an average of 1,651 CPS. Theoretically, with the modem using its compression, it could reach speeds of up to 57,600 bits per second (BPS) or 7200 CPS. In practice this is virtually impossible to achieve, the best average you should hope for is around 28,000 BPS or 3,500 CPS. This is true of all 14400 modems.

You should also bear in mind that almost every file you come across on a bulletin board is likely to already be compressed, which renders the modem's compression practically useless. Hence the speed test results of an average 1,651 CPS is closer to what you are likely to achieve.

SETTING A TRAP FOR FAXES

One of the best features of the Aceex, or any other similar modem for that matter, is its ability to send and receive faxes. Power Computing actually gives you the chance to buy *TrapFax* with the modem and it would be churlish not to consider it. The chance is too good to miss.

Theoretically it's possible to run *TrapFax* from a floppy disk, but to use a modem like this you really must have a hard disk, and a big one at that.

Once installed the program works beautifully. It's a little frustrating at first as *TrapFax* is not one but several programs so you have to read the manual to find out how it works. Thankfully, the manual is well written and clear, though it does use quite a bit of jargon.

One great advantage of *TrapFax* is its size. The individual programs that make up *TrapFax* are fairly small so leaving auto answer on takes up a far more sensible 70K in comparison with GP's 230K, most welcome if you cherish your memory. What's more, *TrapFax* works in conjunction with *TrapDoor*, an absolute must for FidoNet users.

NOT ALL THERE

One surprise was the communications software provided or rather the lack of communication software. *NComm 2* is provided and it's a good sturdy choice. The surprise was the missed opportunity to provide *TrapDoor* with the modem. It may not have been used by everybody, but surely the price of a disk would gain immense good will from customers.

The other missing item was any kind of reference to the Amiga. There wasn't even an A4 sheet telling you how to connect it up. Admittedly most Comms users wouldn't need it, but these days we are trying to make Comms available to everyone.

CAVEAT SURFER

If you intend to connect a 14400 BPS modem to an unexpanded A1200 be warned; because of the lack of FastMemory the modem will be limited to a top transfer rate of 38400 BPS. However, this often gives faster transfers when uploading or downloading files (see Speed Test, far right).

CONCLUSION

The choice of modems on the market is definitely hotting up. The Aceex has several minor niggling points. For example, it's not the best constructed modem in the world – the LEDs weren't quite lined up properly on the review machine and the stencils were badly printed. Another problem was its sensitivity, a couple of times I knocked the modem whilst I was on-line and it disconnected both times. However, modems seldom win prizes for beauty. What matters is how they work and the Aceex does its job admirably.

And with the addition of *TrapFax* the whole thing becomes an excellent package. If you want to send and receive faxes it performs perfectly, sending better quality faxes than you can with a dedicated fax machine.

Overall, whichever 14400 modem you choose, you'll be making the right choice. They all work at about the same speed, they all have similar functions and they all increase your phone bill. The Aceex is a good little machine, if you want a modem you should consider it. CU

Using *Trapfax*, Aceex can send better faxes than a dedicated fax machine.

ACEEX
TST AA CD OH RD SD TR MR SP

SPEED TEST

To test the transfer rate of the Aceex I sent and received a 287462 byte archived graphics file, the results were:

AVERAGE TRANSFER TIME	AVERAGE TRANSFER RATE
174 Seconds	1,651 CPS

This file was transferred with the modem set to 38400 BPS which can provide faster transfers than 57600 BPS due to reduction in attempts to compress the already compressed file. You should also note that the system on the other end of the line plays a large part in the speed of transfer.

POWER £199

A500 ☑ A500+ ☑ A600 ☑ A1200 ☑
A1500 ☑ A2000 ☑ A3000 ☑ A4000 ☑

POWER COMPUTING LTD, 44 a/b STANLEY STREET, BEDFORD MK41 7RW.
TEL: 0234 273000

EASE OF USE ◆◆◆◆◆◆◆◆◇◇ **80%**
Not for the absolute beginner, but no modem is. Trapfax is wonderful.

VALUE FOR MONEY ◆◆◆◆◆◆◆◇◇◇ **75%**
Everything you need to get started in one box though a little more expensive than most.

EFFECTIVENESS ◆◆◆◆◆◆◆◆◆◇ **90%**
As good as any other 14400 BPS modem.

FLEXIBILITY ◆◆◆◆◆◆◆◆◆◇ **90%**
The inclusion of fax software adds a whole extra welcome dimension.

INNOVATION ◆◆◆◆◆◆◆◆◇◇ **80%**
The only modem supplied with Amiga fax software.

> *A fine little modem which should suit your needs as well as your pocket.*

OVERALL 85%

AMIGA-PC UTILITIES

PC TASK	£34.95
Emulate a VGA/EGA PC, read & write MS Dos files	

BOOKS

A1200 Insider Guide	£12.95
A1200 Insider Guide:Next Steps	£12.95
Amiga Disks & Drives-Insider Guide	£12.95
Assembler Insider Guide	£13.95
Workbench A-Z Insider Guide	£13.95
Mastering Amiga Amos	£17.95
Mastering Amiga Arexx	£17.95
Mastering Amiga Beginners	£17.95
Mastering Amiga Printers	£17.95
Mastering AmigaDos 3.0 Reference	£19.95
Mastering AmigaDos 2 Volume 1	£19.95
Mastering AmigaDos 2 Volume 2	£17.95
Amiga Beginner's Pack includes A1200 Insider Guide + A1200 Next Steps books, Amiga Insider Video, + 4 disks of shareware	£36.95

CD32

Communicator Lite	£74.95
Communicator	£124.95
CD32 - Amiga link, Photo CD, control CD from Scala	
Video Creator	£34.95

DISK UTILITIES

Directory Opus v4	£43.90
DirWork 2 (NEW LOWER PRICE)	£35.99
Disk Expander Compresses your hard drive	£29.95
Gigamem	£47.50
Quarterback Tools Deluxe Disk doctor	£39.95
Video Back-up System with Phono cables	£54.95
Video Back-up System with Scart cables	£57.95
Backs up floppies and hard drives onto VHS video tapes	
X-Copy Back-up Pro Multitasking latest version	£19.99

DATABASE

Sbase Pro 4 v1.3	£199.95
Relational database+Database Management Language	

DATABASE APPLICATIONS

GB Route Plus Plan your route in the UK	£31.95
Mailshot Plus	£35.95
Music Librarian	£19.95
Plants For All Seasons	£19.95

EPSON SCANNER + DRIVER

EPSON GT6500 SCANNER	£599.00
Epson GT6500 Scanner Controller	£95.00
Sharp JX100 Driver (made by ASDG)	£99.95

SOFTWARE DEVELOPMENT

Amos Professional	£32.95
Amos Professional Compiler	£24.95
Blitz Basic v2	£49.00
CanDo V2.5	£89.95
Cygnus Ed Professional v3.5	£59.95
DevPac 3	£51.95
Hisoft BASIC 2	£54.99
Pascal	£79.95

EDUCATIONAL

Any Fun School 4	£15.99
New ADI GCSE Maths, English or French	£19.99
Any other ADI Maths, English, or French	£16.99
ADIJunior Reading or Counting	£15.99
Merlin Maths, Paint and Create, or Spelling Fair	£16.99
Noddy's Playtime	£16.99
Noddy's Big Adventure	£16.99
LCL (to GCSE) Micro English, Micro French, Micro German, Micro Science, or **Micro Spanish**	£16.99

FINANCE MANAGEMENT

Arena Accounts	£82.95
Cashbook Combo	£59.99
Day By Day	£24.99
Money Matters (Home Accounts 3)	£34.99
Personal Finance Manager Plus	£28.95
Keep track of your cash!	
System 3E	£49.99

INTEGRATED SOFTWARE

Mini Office WP, spread sheet and database	£37.95

EMERALD CREATIVE TECHNOLOGY

RAPID HOUSE, 54 WANDLE BANK
LONDON SW19 1DW

TEL: 081 715-8866
FAX: 081 715-8877

IMAGE PROCESSING

ART DEPARTMENT v2.5 Upgrade: £39.95

Art Department Professional v2.5	£139.00
Art Dept Upgrade from v2 to v2.5	£39.95
Art Dept Pro Conversion Kit	£59.99
Caligari 24 PAL	£94.95
Caligari Broadcast v3.1	£349.99
Clarissa	£59.95
Doug's Pro Control for Art Dept	£50.95

IMAGINE 3 Upgrade

Upgrade to this phenomenal and long awaited new version from any 3D package that you have or from the Amiga Format Imagine v2 Cover Disk. Call for more details. **ONLY £89.95 plus £3.50** post and packaging. This is **the offer!!!!!!**

Imagine 3	£249.95
Imagine 3 Upgrade	£89.95
Lightwave	£489.95
Morph Plus Twist, distort, morph, warp	£129.00
Essence Vol II + Forge	£78.95
Pixel 3D Pro Create 3D images from 2D	£59.00
Real 3D Classic3D rendering, ray tracing	£69.95
Real 3D V2.4 professional 3D rendering	£359.95

X-CAD SPECIAL DEAL

We have approximately 220 copies of X-CAD 2000 latest version, and 100 copies of X-CAD 3000.

X-CAD 2000	£29.95
X-CAD 3000	£179.95

MUSIC

BARS & PIPES PRO v2.5

Contains 50 new features. Loop any number of measures on all tracks simultaneously; split one track into several containing only one pitch; precisely control the number of measures per line and staves per page when printing notation, and much more. Normal Retail Price is ~~£299.99~~

Upgrade v2 to v2.5	**£79.95**
Bars&Pipes Professional v2.5	**£199.95**
The most powerful sequencer you could ever wish for.	
Creativity Kit	£29.99
Internal Sounds	£29.99
Multimedia Kit	£29.99
MusicBox A or B	£29.99
Peformance Tools Kit	£35.99
Power Tools Kit	£35.99
Pro Studio Kit	£32.95
Rules for Tools	£29.99
One Stop Music Shop (LOWER PRICE)	£479.99
EMU Proteus DSP,4 Mb of wavetables+samples in ROM	
PatchMeister Patch librarian for MIDI, drivers for many sound modules Sysex dumps	£79.95
SuperJAM! v1.1+Easy way to make music!	£74.95
SyncPro Synchronise midi with multimedia	£151.96
Triple Play Plus	£159.95
3-out MIDI interface, have up to 48 channel MIDI compositions	
Pro Midi Interface Price and performance	£19.95
Megalosound Sampler	£23.95
Deluxe Music Construction Kit v2.	£69.95
Technosound Turbo 2	£25.95

PAINT

BRILLIANCE version 2

The amazing new version of this 32 bit paint package has now arrived. For a limited time we can offer exclusively, on behalf of Digital Creations, to CU Amiga readers, a new full version of **Brilliance v2 for only £45.95 inc vat.** This offer is too good to miss. Normal retail is £89.99

Brilliance 2	£45.95
Deluxe Paint 4.5 AGA	£59.95
TV PAINT v2	£169.90

WP & DTP

SPECIAL OFFER Wordworth 3 Full Box
LIMITED STOCKS ONLY £64.95

Final Copy	£47.95
Final Writer	£69.95
Pen Pal	£29.00
TypeSmith 2.5 Font designer (New version)	£118.95
Pagestream 3 (FINALLY HERE)	£249.95
Personal Font Maker	£40.00

VIRTUAL REALITY

VISTA + DISTANT SUNS + MAKEPATH + TERRAFORM

All the latest versions, fully boxed. All 4 products for **£59.95 inc vat. This is a 100% guaranteed offer. It's real.**
P&P(Recorded) = £4.00

Items available separately, at slightly higher prices, see below.

Distant Suns v5.0 Astronomy	£27.95
Vista Pro 3.0 Create textured 3D landscapes	£29.95
Vista Lite (only 2mb needed)	£29.95
Makepath for Vista Animate a path in Vista	£9.95
Terraform for Vista	£9.95

VIDEO PRODUCTION

Adorage (new version)	£58.50
Big Alternative Scroller	£29.95
Big Alternative Scroller 2	£49.95
Broadcast Titler 2 Super High Res.	£129.95
Helm	£89.95
Montage 24 bit AGA Titling	£279.95
Scala HT100	£49.95
Scala MultiMedia MM211	£139.95
Scala MM300	£289.95
Scala Echo EE100	£132.95
Media Point v3 (NEW)	£289.95

VIDEO HARDWARE

Editmate Control video from Amiga, add sound via the mixing board.Cables and s/w	£179.95
Epson GT6500 Colour Scanner	£649.00
A4 flatbed colour scanner includes **ASDG scanner software.**	
Video Back-up System with Phono cables	£54.95
Backs up your floppies and hard drives onto VHS video tapes	
Video Back-up System with Scart cables	£57.95
Vidi Amiga 12 AGA	£69.95
Grabs full colour images from video source in under a second	
Vidi 12 Real Time 12 bit frame grabber	£139.00
Vidi 24 Real Time 24 bit frame grabber	£233.00
Rendale 8802 FMC Genlock	£159.95

STOP PRESS: Lightwave now in stock. £489.95 inc vat. Stocks limited

HOW TO ORDER

Cheques made payable to "Emerald Creative". Allow at least 5 working days for cheques to clear.
Credit Card. Visa, Mastercard, Delta. We will bill your card when we process your order and ship the product, not before.
Post and Packaging charges within the UK are **£3.00**, unless otherwise stated for a particular product. Recorded post is an extra **£0.55**. Next day courier is £4.95 inc VAT within the UK Mainland. Please ask for Overseas pricing.
Pricing: All pricing includes VAT, but not carriage. We reserve the right to change prices. You will be informed of any price change when you order.
Problems: Faulty product will be GLADLY replaced or repaired within 30 days of purchase. Phone us and we will tell you what to do. Will refund if we can't repair your faulty product.Keep your Invoice. E&OE.

EP SOFTWARE

VIRUS
KILLER

A Virus killer is an essential purchase in these days where there are hundreds of Amiga viruses. Make sure your software collection is free from all known viruses.

£4.00

☐ VIP4-2. VIRUS KILLERS

A1200/A500+/A600 with 2meg

If you're in to beat 'em ups, here's a treat. Fight against numerous opponents in this fast action beat 'em up, features enhanced sound on 2 drive Amigas.

Only £6.00

☐ BDK6-3. KOMBAT

Who needs Sonic or Mario when you can play fantastic games like this on your Amiga. Fast, smooth scrolling platform game. Excellent stuff.

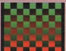
Only £5.00

☐ MSB5-1. MORTON STRIKES BACK

Now the summer's here, it's time to do the garden, and this is a good reason not to, because you'll be too busy designing it.

Only £3.00

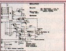
☐ GRN3-1. 3D GARDEN DESIGNER



A two disk collection of various Scala background textures. Wood, paper, etc. Gives your Scala production a more professional finish.

Only £6.00

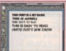
☐ SCA6-2. SCALA TEXTURES



Make your own hardware and save £££s. Sound samplers, memory expansions, Bridgeboards are all here. Includes complete diagrams.

Only £3.00

☐ HWP3-1. HARDWARE PROJECTS



Forty top quality compugraphic fonts for use with WB2/3, Pagestream, Wordworth, D Paint 4 etc, etc.

Only £7.00

☐ PSF7-3. COMPUGRAPHIC FONTS

Four all time classic board games. Scrabble, Cluedo, Snakes and Ladders, and Monopoly. Great fun for all the family.

All for only £10.00

☐ BDG10-4. BOARD GAMES

This is the most powerful Amiga disk duplicator available. In fact the authors say that if you can't copy something they'll give you your money back.

Order Now £34.95

☐ XCP35-1. XCOPY PRO.

Fifty stunning AGA images in 256 colours. All of which will blow your mind. All run as a slideshow for ease of viewing.

Only £15.00

☐ GRL15-10. BATHING BABES

The complete RSI demo maker, featuring: font editor, vector editor, graphic templates, extra music fonts etc. and a complete tutorial.

All for only £15.00

☐ RSM15-5. RSI DEMO MAKER

Features all you need to crunch, archive & decrunch any file or disk. Includes DMS the Disk masher, Powerpacker, LHA etc.

Only £5.00

☐ CRM5-2. CRUNCH MANIA

1000
GAME CHEATS

Over 1000 Top Amiga game cheats on five disks. Includes all popular titles like: Monkey Island, Project X etc, etc.

Only £9.00

☐ CHT9-5. 1000 GAME CHEATS

Over 70 top quality Imagine objects for use in any version of Imagine. Subjects include: Vehicles, Animals, Star Trek, Dinosaurs, Star Wars and loads more.

Only £15.00

☐ IOD15-10. IMAGINE OBJECTS

Hundreds of general knowledge questions. Subjects include: Sport, Films, Music, Science, Geography. Test your knowledge with this excellent Trivia game.

Only £5.00

☐ QUZ5-2. QUIZ MASTER

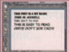
PCTASK The complete Kit

*Compatible with all Amigas

Run PC software on your Amiga. Supports VGA on the A1200 or A4000 works with your Hard Disk, Floppy Drive, Serial, Parallel & mouse ports.

£39.95

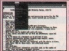
☐ PCT40-1. PC TASK



A five disk set of over 70 top quality fonts for use with Wordworth 2 or 3. Simply install them and they're ready to use

Only £10.00

☐ WWF10-5. WORDWORTH FONTS



A complete Word processing package. Includes: Spell checker & grammar checker. A very easy to use package.

Only £4.00

☐ WPR4-1. WORD PROCESSING

FREE!!!

FREE BOX OF TEN BLANK
DISKS WITH EVERY ORDER
OVER £25

Don't forget to ask for them

☐ RDS3-1. RANDOM DOT STEREOGRAM

Create your own fascinating Random dot Stereograms, very easy to use. *Only £3.00*

Get your finances in order with this excellent package. Take a closer look at your bank accounts, find out where all your money goes every month.

Only £7.00

☐ FIN7-3. FINANCE

MWB3-1. MAGIC WORKBENCH £3.00

A two disk set of extra backgrounds, Icons etc. for use with Magic Workbench. Requires KS2/3,

Only £5.00

☐ MWE5-2. MAGIC WB EXTRAS

Word Finder Professional

The most professional word search, crossword solver available on the Amiga. Includes a dictionary of over 58,000 words, and you can add your own.

Only £5.00

☐ WFP5-2. WORD FINDER PRO.

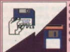
ESSENTIAL
FOR
BEGINNERS

Includes Document/text viewers such as More, PPmore, Muchmore etc plus all popular libraries inc. Powerpacker

If you're new to the Amiga, then you may be having problems with missing Libraries on your workbench that are needed to run particular software. Order this now and solve those problems.

£2.00

☐ EFB2-1. ESSENTIAL FOR BEGINNERS



A selection of tools for degrading your A1200 down to a 500. Very e
to use, but extremely effective way of running old games etc.

Only £4.00

☐ DEG4-2. A1200 DEGRADER

UTILITIES
MUSIC
TOOLS
A1200
GRAPHICS
DEMO'S
GAMES

A good selection of game demos, music, graphics a tools for use only on the A1200 or A4000. A great way to instantly build your AGA software collection.

£15.00

☐ AGA15-10. A1200 STU

BFD7-10. TEN PRE-FORMATTED DISKS £6.95

High quality box of ten blank disks, in a choice pre-formatted or unformatted media. 10 error free guaranteed.

Only £4.95

☐ BLK5-10. TEN BLANK DIS

If you want to be a budd Ian Beale or Floyd then T GOURMET COOK BOO a good way to get starte over 50 recipes included.

Only £3.00

☐ GCB3-1. THE COOK BOO

Double the space available on your hard disk. If you have an 80meg drive this will g you over 150meg of available space. Runs silently in the backgro

Only £5.00

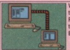
☐ EPU5-2. DISK DOUBLE

TYPING
TUTOR

Learning to type can b difficult task, but not w you get a copy of our classic typing tutors. Includes three games help you learn to type.

Only £3.00

☐ TYP3-1. TYPING TUTOR



Link up lead (Ami-Ami) only £19.99

Whether you want to l two Amigas together, PCs or Amiga to PC, this package will suit Easy to install.

Only £8.00

☐ COM8-3. NETWORKIN

Brilliance 2 is the best A paint & animation pack available on the Amiga. Supports all available graphics modes. Check latest magazines for re

Only £89.95

☐ BRT90-1. BRILLIANCE

All Titles Advertised on these pages should work on any Amiga unless stated

X-CAD 2000

One of the most powerful **Computer Aided Design** packages available on the Amiga.
Now at an unbelievable price.
Order Code ☐ XCD30-1 Only £29.95

CD³² LINKUP

Connect your CD32 to your *Amiga*
for easy transfer of ALL CD Rom disks.
Complete with leads + CD Rom boot soft
☐ CDL35-1. Only £34.95 + £1.00 P&P

ORDER FORM

Name ....
Address ....
....
Tel .... 'Amiga ....
Payment method ....
Credit card No. .... Exp. ....

Order Value

Amount of PD Packs XXX10-5. PACK TITLE Individually priced	QTY	
		= £
Other Items		= £
Goods value		= £
Postage & Packing Please add a total of 50p for P&P in the UK		50p in the UK. = £
Amount enclosed		= £

OVERSEAS ORDERS

Overseas orders are welcome, but please add 25p to each disk ordered, & £1.00 to each Pack ordered, a minimum of 5 disks apply. All Overseas orders are sent by 1st class Air Mail.

COLLECTING DISKS

You are welcome to collect your order, but you are advised to phone it through prior to collection. Office hours: 9.30am-5.30pm Mon-Sat.

ORDERING BY POST

Simply send your order in on an A4 page, listing the numbers you m the total cost, and your name & address, or if you wish simply mark titles you wish to order, fill in your name etc., and send these p **EPIC MARKETING**, First Floor Offices, Victoria Centre, 13 Victoria Rd, Swindon, Wiltshire, SN1 3BU.

ORDERING BY PHONE

Call any time between 9.30am & 5.30pm Monday to Saturday wi credit card details and the disks you would like to order.

Epic Marketing, First Floor Offices, Victoria Centre, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. Tel: 0793 4909

Order hotline: 0793 490988 Fax: 514187

Megaball V3 is most definitely the best ever "Break-out" game available. Superb AGA graphics, music and gameplay make this an all time classic.

Only £3.00

☐ MGB3-1. MEGABALL AGA

Over 100 all time classic games including: Breakout, Pacman, Space Invaders, Snakes, loads of puzzle games and more.

Only £10.00

☐ GG10-4. 101 GAMES

If you're into Imagine then this fantastic new Objects disk will amaze you. Objects include: **Delta Fighter, Soul Hunter, Tyranid and Vorlon One Space Craft.**

Only £4.00

☐ BLF4-1. BABYLON 5 OBJECTS

A collection of tools for the printer user. Printer drivers, label maker and other useful utilities are included in this great getting started pack.

Only £8.00

☐ PRT8-4. PRINTER TOOLS

Word Processing
Database
Spreadsheet
Diary

Whether you run a small business or just need to go computerised then this superb easy to use integrated package is what you want.

£7.00

☐ IFC7-3. LITTLE OFFICE

In Full Motion

A1200/A4000 Only

This is the most impressive AGA demonstration available. If you want to impress someone, then this is what will do it. Features a brill BJorg soundtrack.

Only £4.00

☐ BTS4-2. BIG TIME SENSUALITY

NOT RECOMMENDED FOR BEGINNERS

Hundreds of quality textures for use in Imagine. Render your objects in a variety of shades, colours and textures. Compatible with all Amigas.

Only £12.00

☐ ITX12-7. IMAGINE TEXTURES

A compilation of very powerful disk copiers, make backups of your software collection with ease.

Only £5.00

☐ CPY5-2. DISK COPIERS

Seventy bitmap fonts for use in almost any package including Deluxe Paint. Also features a fantastic font editor for designing or customising your own fonts.

Only £7.00

☐ FNT7-3. FONTS & EDITOR

Tetris is the most addictive game in the world, and that's a fact. This is a compilation of five of the best. Best graphics, best sound and best playability.

Only £9.00

☐ TET9-5. TETRIS MAYHEM

Inside Engines is a compilation of in depth animation sequences showing you the workings of all the most popular engine types.

Only £9.00

☐ ENG9-5. INSIDE ENGINES

* TOTAL OF TEN DISKS

Hundreds of high quality professional clipart images. Subjects include: Transport, People, Computers, Xmas and loads more. A much wider scope.

Only £13.00

☐ GFX13-10. PRO CLIPART

☐ SPES 3 SPECCY EMULATOR V2+ GAMES £5.00
☐ SEM40-4 SPECCY EM + INTERFACE + GAMES £39.95

Over 100 all time classic Spectrum games ready to use on the Spectrum emulator. Inc: **Jet Set Willy, Skool Daze, Attic Atak, Star Trek, Uridium and loads more**

Only £15.00

☐ SPG15-7. SPECCY GAMES

PRINTER DRIVERS

A selection of printer drivers including all popular printers such as: Hewlett Packard, Star, Panasonic, Epson, IBM, OKI, Seikosha, Postscript etc.

Only £3.00

☐ DRV3-1. PRINTER DRIVERS

☐ PDWS WORKBENCH OF YOUR CHOICE INSTALLED WITH DRIVER OF YOUR CHOICE £5.00

Contains a selection of Video titlers, Video wipes & backdrops. Great for creating professional home movies. All you need.

Only £12.00

☐ VID12-6. VIDEO STUFF

Amiga for Beginners

* Suitable for use on all Amigas

If you've just purchased your Amiga you may be a bit boggled how to use it properly. Well this five disk set takes you step by step through every basic thing to know.

£9.00

☐ ABG9-5. BEGINNER'S GUIDE

A collection of Amiga card games including: Poker, Craps, Solitaire etc. Great fun for all the family.

Only £10.00

☐ CRD10-4. CARD GAMES

* FOR USE ON A500+/A600, A1200, A3000, A4000 ONLY

Over 200 Workbench 2 or 3 utilities/tools, including: text editors, virus killers, disk editors, sound & graphic tools and loads more.

Only £3.00

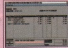
☐ TTU3-1. 203 UTILITIES

☐ KLE8-4. EXTRA CARD SETS 1-4 £8.00

Klondike the card game features unbelievable 256 colour hi-res graphics. Also available now are four new data disks featuring 4 new card designs.

Only £6.00

☐ KLD6-3. KLONDIKE AGA



☐ SST60-1. SYSTEM 3 £59.95

The perfect companion for all small businesses. Three business modules including: Cashflow, Invoicing-Sales ledger, VAT reports and stock control.

Only £79.95

☐ STE80-1. SYSTEM 3 ENHANCED

The complete system analyser. Test your drives, memory, keyboard, mouse, expansions and all your custom chips etc.

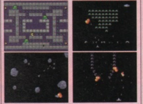
Only £3.00

☐ ENK3-1. ENGINEER'S KIT

Hundreds of high quality IFF samples, including: drums, guitars, bass, vocals and beats. Perfect for Music X, Med or any tracker clone.

Only £7.00

☐ SAM7-5. IFF SAMPLES



☐ AAC10-4. ARCADE CLASSICS

Features 4 all time classics. New & old versions of Pacman, Space Invaders, Asteroids and Galaxians. Remember the good old days for now only £10.00.

A1200 HARD DISK INSTALL TOOLS

* WORKS WITH A600 & A1200 ETC.

An essential tool for installing workbench on your new hard disk. Easy to use either on the A600 or A1200.

Only £7.00

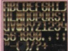
☐ AHD7-2. HARD DISK INSTALLER

* WORKS WITH A600 & A1200 ETC.

Organise your entertainment media with this set of cataloguing tools. Video, CD and disks are all catered for.

Only £5.00

☐ CTG5-3. CATALOGERS



Hundreds of colour clip fonts, for use in any Paint package. All sizes from 8 up to 45, 8 colours up to 32 colours, great for video work or for just making demos.

Only £15.00

☐ CLF15-8. COLOUR FONTS

This is the most impressive RAVE demo available on the Amiga, features an amazing soundtrack & wicked visuals, don't miss this.

Only £4.00

☐ SBL4-2. NINE FINGERS

An all time classic! Features include: 7 skill levels, full league tables, 3D football ground, managerial ratings, injury problems, promotion & relegation.

Order now only £3.00

☐ FBM3-1. FOOTBALL MANAGER

CENTREFOLD SQUARES

* PLEASE QUOTE 'OVER 18' WHEN ORDERING

Another great puzzle game for adults. A pint of the best, a packet of peanuts and a good game of Centrefold squares. "What a life!"

Only £10.00

☐ CFS10-1. CENTREFOLD SQUARES

AMIGA CDROM
GAMES
DEMOS
GRAPHIX
UTILITIES
COMMS
MUSIC

Thousands of useful tools, demos, games and graphics on each disk. Call for details.

☐ EURONET DEMOS	£14.99
600meg of the very latest demos, music and graphics	NEW!
☐ CDPD 1.	£19.99
☐ CDPD 2.	£19.99
☐ CDPD 3.	£19.99

☐ CDPD COLLECTIONS

AMIGA CDROM
FISH DISKS 1-1000

The Fred Fish collection. Over 4000 utilities included in this set, ranging from wordprocessing to spreadsheets, graphics tools, music and hundreds of other things.

Only £39.95

☐ FRED FISH CD 1-1000

* SOME GAMES MAY REQUIRE A KEYBOARD

1000 all time classic Amiga games. Puzzles, Adventures, RPG, Shoot'em ups, Platformers. Works on the CDTV, CD32 or any other Amiga CD ROM drive.

Only £19.99

☐ LOCK 'N' LOAD CD

AMIGA CDROM
AMINET
3

Thousands of archived tools, including: patches, Dir tools, music, graphics, AGA tools, workbench tools. It'll take you months to sift through this lot.

Only £19.99

☐ AMINET 3 CD ROM

AMIGA CDROM
BLAKE
BYRON
Futura
LEFTY CASUAL
FELT THIN

Over 2,000 Adobe and compugraphic structured fonts, great for Desktop Publishing. Compatible with Amiga & PC CD Rom. All ready to use on any machine.

£19.99

☐ PRO. FONTS CD ROM

DELUXE STRIP POKER 2

* PLEASE QUOTE 'OVER 18' WHEN ORDERING

Play Poker with some of the most lovely ladies in the world. Includes superb graphics and digitised speech,

Only £12.00

☐ DSP12-1. DELUXE STRIP POKER 2

J.I. ULTIMATE CHESS

☐ JIC4-1. CHESS & TUTOR 1MEG VERSION

Whether you're a complete beginner at chess or a champion, JI CHESS has something for you. Superb graphics and speech make this a great software title.

Only £4.00

☐ JIT4-1. CHESS & TUTOR

Williams F1 Imagine object. It requires 4 meg but as you can see is Amazing. Requires a version of Imagine to render it.

Only £4.00

☐ WIO4-1. WILLIAMS F1

Go
2
10
1 2 3
KIDS STUFF!

A collection of great fun educational games for children aged 7+. Maths, spelling, speed, etc. are all included in this excellent compilation.

Only £9.00

☐ EDU9-4. EDUCATIONAL

PASSWORD
ENCRYPTOR

Stop other people from accessing your floppy or hard disks, by putting a customised password on your disk. Also contains file encryption tools.

Only £10.00

☐ PSW10-4. PASSWORD

Epic Marketing, First Floor Offices, Victoria Centre, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. Tel: 0793 490988

PD SCENE

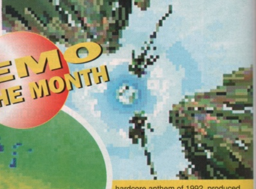
The best demo of the year has just turned up, according to Tony Horgan. Find out what the fuss is about in this month's PD Scene ...

DEMO OF THE MONTH

SOME JUSTICE 94

AGA demo

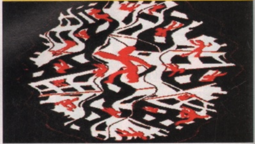
Yes mister, I'll take two please! This is the best demo of the summer by a long shot! It's a sound and vision extravaganza, with the best soundtrack ever to grace an Amiga demo. Released to promote a new EP from Urban Shakedown, it's a remix of Some Justice, the hardcore anthem of 1992, produced by Urban Shakers themselves, and reworked into a colossal bass-heavy jungle stomper. Stick this through a decent hi-fi and you just won't believe the sub-bass!



If that wasn't already enough, it's even got that brilliant Ce Ce Rogers vocal (see PD Utilities for the Urban Shakedown sample library). The graphics are just as hot too. Jungle-lined tunnels, warped animations, slippery plasma and hard-hitting strobes. Combined with the soundtrack, it's a complete brain-scrambler. Okay, so I did the visuals, but I'm not biased! *(not half. Ed)* Would I lie to you? Don't take my word for it – get yourself a copy now (and check out the EP while you're at it)!

Available from: Cynostic PD, Office 01, New Enterprise Centre, Little Heath Industrial Estate, Old Church Road, Coventry CV6 7NB. Tel: 0203 681687. Price: £2.75 including P+P.

94%



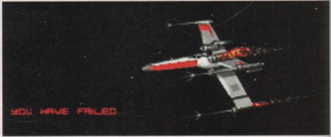
STARWOIDS

game

I know it looks like just another *Thrust* clone, but *Starwoids* really is a bit spesh. It's a cross between *Oids* and *Thrust*, with a *Star Wars* theme. There are three levels in this version – a PD taster of a bigger shareware game. After the easy first level, it gets pretty tricky. If you're a *Star Wars* fan, there's plenty to get frothed up over. Loads of the music has been sampled from the films, and there are loads of other details through the game, such as the At-Ats, C3PO and R2D2. You even get to shoot down some Tie Fighters. Whether or not you wear Luke Skywalker pyjamas to bed, *Starwoids* has enough meaty gameplay to keep any zap fan happy.

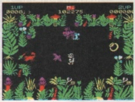
Available from: On-Line PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 0704 834335. Price: £2.25 including P+P (two disks).

90%



SPECTRUM AGA 1.3

spectrum emulator



This is one of the better Spectrum emulators we've seen. This disk is bursting at the seams coming complete with 19 different games in all such as: *1943, Airwolf, Atic Atac, Batty, Bomb Jack, Fernando Martin, Jet Pac, Jet Set Willy, Knight Lore, Livingston, Manic Miner, Match Point, Pheenix, Sabre Wulf, Sai Combat, Sir Fred, Spy Hunter, Starquake, Starstrike*, and *Tarantula* (an adventure game in Spanish).

There's a neat little front-end to the emulator, which lets you type in pokes (cheats) before you load a game. You can also type in programs in BASIC, if you can remember where all the commands are on the keyboard. Instead of loading cassette games through a sound sampler, this one needs a special interface plugged into the joystick port. There are illustrated instructions for it on the disk. This disk is well worth a go just for the sheer variety of games on it.

Available from: On-Line PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 0704 834335. Price: £1.50 including P+P.

83%

ONLINE INTROS

demo compilation

How's that for a bargain? You've got 12 demos crammed onto one disk! A few of them are a bit old, ranging from 93 to 94, but even so there are some excellent visual effects and plenty of tinkly ditties. They're mostly BBS intros, with contributions from Lemon, Virtual Dreams, Models Inc, Avalon and Lego among others. There's plenty of wibbly visuals for the jellyheads like myself, and if you're into chip' music that sounds like a Commodore 64 with a wasp stuck inside it, you'll love the tunes.

Recommended especially this month, as all the demo coders seem to have taken a summer break.

Available from: On-Line PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 0704 834335. Price: £1.50 including P+P.

80%

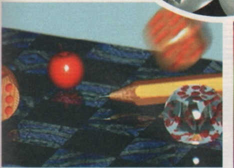
MINI AGA SLIDESHOW 2

slideshow

Considering there are four disks in this set, there aren't many pictures in this slideshow. However, those that are included are quite impressive: hi-res interlaced HAM-8, and very neatly rendered. The main problem is that they're just not very exciting. You can see the technical prowess, but a ray-traced scene from an MFI shop window is a bit yawnsome.

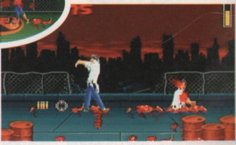
Available from: Cynostic PD, Office 01, New Enterprise Centre, Little Heath Industrial Estate, Old Church Road, Coventry CV6 7NB. Tel: 0203 681687. Price: £6.00 including P+P. 3Mb RAM required.

55%



ZOMBIES 2

game



Buckets of blood and dead flesh are the main attractions with *Zombies 2*, the sequel to the *Operation Wolf* clone that was released with *Blitz Basic*. This time around it's a bit slicker, with better sound and graphics, but gameplay remains the same. Zombies have overtaken the world, and you've got to wipe them out with your mouse-controlled pistol and grenades. As the zombies get blown away, they litter the screen with detached limbs and hunks of meat, all to a stomach-churning soundtrack of splats and gurgles. Rather disgusting, but quite satisfying all the same.

Available from: On-Line PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 0704 834335. Price: £1.50 including P+P.

78%

»

SRT PUBLIC DOMAIN SOFTWARE

YOUR FAST AND FRIENDLY PD LIBRARY
AMIGA PUBLIC DOMAIN SOFTWARE
ONLY 89p PER DISK!

(*)= NUMBER OF DISKS. COMPATIBILITY: ALL DISKS RUN ON ALL AMIGAS UNLESS OTHERWISE STATED.
SPECIAL OFFER..... 1 FREE DISK OF YOUR CHOICE WITH EVERY 10 PURCHASED!

UTILITIES

U171	VIEWTEK 2.1 - Comprehensive picture and animation viewer.
U172	VMORPH V2.30 - The latest version to date.
U173	VIRUS WORKSHOP (NOT 3.1) - The best Amiga PD virus protection
U174	AMIGA DOS GUIDE.
U175	EPOCH MASTER V3 - Time manager.
U169	BACKDROP STRAMASH (AGA) Elaborate A1200 B.Ground Screens.
U145	WORKBENCH 3 SCREENS (AGA) Apprx. 20 more B.Ground & Textures.
U170	FOOTBALL ICONS- All Countries in the World Cup, and more.
U168	A500 PLUS EMULATOR- Emulates the Plus on a 1.3.
U116	BLITZ BLANK (NOT 1.3)- 12 Assorted Screen Blankers.
U113	MAVERICK- Commercial games copier.
U114	MAGNUM- Disk magazine Creator.
U119	MT COPY-Checks for Viruses as it copie
U91	DCOPY 3.1- Very popular Duplicator.
U108	BLACKBOARD- Amiga Image processor
U107	BUDBASE 1.2- UserFriendly Database.
U106	ELECTRONICS CAD- Elecs projects aid.
U109	CRIME DEVILS CRUNCHERS-60 Cruchers
U153	PPMINI CRUNCH-Powerful Cruncherde-cr
U152	U.D.M.V3.0 (1 MEG)- Utility disk maker.
U151	MENUMASTER 3-Menu system.
U154	A1200 UTILS-Utility Complication.
U158	X-PASSWORD-Keep secret files safe.
U167	BOOT X 5.23-Latest version virus killer.
U146	VIRUS CHECKER V6.20-Another good'n
U139	GAME TAMER V3-323 Game Cheats.
U140	GAME TAMER V4. 01-337 more cheats.
U142	GAME CHEATS & SOLUTIONS-Includes Adventure game Solutions.
U144	ULTIMATE CHEAT DISK-Hundreds of Game Cheats.
U171	TEXT ENGINE 4.1-Save £'s on W.Proces Software. EXCELLENT
U110	FORMS REALLY UNLIMITED- Form and Letter Designer.
U93	600 BUSINESS LETTERS-100s ready to use Buisness Letters.
U115	DISKSALVE 2-Salvage files from damaged Disks & Undeleted files.
U134	SHOW STD (W/B)-Area code Utility.
U75	MED 3.20-Excellent music sequencer.
U117	QUADRA COMPOSER (NOT 1.3)-New Style Soundtracker Program.
U118	DELITRACKER (NOT 1.3) Music module Player, Supports 50 formats.

(SEE OUR CATALOGUE FOR MODULES AND SAMPLES FOR USE WITH THE MUSIC TOOLS LISTED.)

GAMES

G122	SENSITIVE-Tricky maze game.
G119	KLONDIKE AGA (3)-A1200 version. of Klondike (Patients).
G107	BRIDGE-Another v.good card game.
G118	FRUIT SALAD (1 MEG) V.Colourful Platform Game.
G117	SPACE INVASION-Good old fashioned Space Invaders.
G115	STARBASE 13 (2)-Graphic adventure.
G114	ENTITY (AGA)-Bizare zapping game.
G112	REVERSI 2 Excellent Othello clone.
G111	FATAL MISSION 2-Nice space blast'em.
G110	ZYRAD (W/B)-An overhead collecting game.
G109	NIRVANA- Another colourful Platformer.
G105	ESCAPADE-Not a bad Breakout Clone.
G104	KASTLE KUMQUAT-Overhead run around and Kill Game.
G102	FANTASY FOOTBALL LEAGUE 94/95-Based on the F.A. Premiership.
G101	CONNECT 4-Addictive PD Game of Connect 4
G99	MONOPOLY (WB13 ONLY)- Remember this Old Classic.
G97	FRUIT MACHINE (WB1.3 ONLY)- For allyou Compulsive Gamblers out there!
G96	CLEUDO- Lots of fun. Another Classic.
G95	SOLAR LORDS (1 MEG)-Mult player space game
G93	MR. MEN OLYMPICS (2)- Decathlon game. Up to 8 players.
G91	DELUXE GALAGA (NOT WB1.3)- The best Pd Shoot em up.
G90	TURBO ICE HOCKEY (NOT WB1.3)- Good Ice Hockey game for 2 Players.
G89	HIGH OCTANE-2 Player car racing game. Nitro clone.
G87	MOTOROLA INVADERS 2 (2) (AGA)-Serious Space Invaders for A1200's.
G86	ROAD TO HELL (1 MEG)- Overhead racing game.
G78	MEGABALL- Best BreakOut Clone.
G80	AGA MEGABALL-A1200 version. Impressive.
G81	NUMERIX- Very addictive & fun puzzler.
G84	GEORG GLAXO (2)- Seaside scenario German Platformer.
G77	SUPER TWINTRIS-Improved 2 Player version.
G123	KISS THE CANVAS (AGA) - Good boxing game Nice large sprites.
G125	KNIGHTS V2.5 (2) - 2 player game of medieval knights.
G127	EXORCISM - Digitized graphics & text adventure.

AGA DEMOS

D150	LOVE (2) - Very Pink!
D147	MINI OMISTAN- Bizare rock demo.
D146	REAL- Plenty of stunning 3D effects.
D144	TASTE THE DIFFERENCE (2)- Awesome effects of various kinds in the AGA demo from RAM JAM.
D141	ACHALLAMAHALLA-A tongue twister of a title but a good demo.
D140	MIND RIOT- It speeks for itself.
D137	QED 2 (2)-Outstanding AGA demo from Talent.
D130	RUNAWAY BRAIN-Cocktail of Psychedelic visuals.
D127	FRIDAY AT EIGHT (WB)- Intense.
D119	DEJAVU-A few clever tricks onthis one.
D98	FATAL MORGANA- Very tasty AGA demo.
D97	EMPTY HEAD- Another super AGA demo.
D94	PRO S.I.A.K-Superb Flying Cows production,
D93	XANADU-Stunning Psychedelic colours.
D91	AMIGA 1200-AGA Graphics in the absolute Extreme.
D90	CHANNEL NO. 5-Very lively.
D89	AGATHA-Fantastic plasma effects.
D87	FULL MOON- Incredible Virtual Dreams.

GIRLS, GIRLS, GIRLS!!

PLEASE STATE YOU ARE OVER 18 WHEN ORDERING FROM THE FOLLOWING

S1	CINDY CRAWFORD SLIDES *1 - Have you ever seen Cindy Crawford in a wet swim suit.
S2	CINDY CRAWFORD SLIDES *2 - More pics of Cindy.
S3	FIT CHIX (2) - Lots of pretty women posing for the camera in swimming costumes.
S5	FIT CHIX 2 (2) - More of the same.
S7	FIT CHIX 3 (2) - Even more delicious full colour pictures.
S9	ERIKA ELENIAK - Colour snaps of the Bay Watch Beauty!
S10	BODY SHOP III - Beautiful women posing in minimum clothing.
S11	BODY SHOP V (2) - More lovely ladies to drool over.

3.5" BLANK DISKS...

50 DSDD DISKS WITH LABELS £19.50 incl.
100 DSDD DISKS WITH LABELS £36.50 INCL.
ALL ORDERS WILL BE DESPATCHED 1st CLASS THE SAME DAY AS RECIEVED.

DEMOS

D139.	SUBTLE SHADES - Lots of Energy
D136	SAERE-Nice demo from Lemon.
D135	ANNOUNCE-Lemons first official release.
D134	QED-Amazing performance by Talent.
D125	SANITY ARTE-Bizare andy demo.
D101	RINK A PINK-Lots more Lemon culture to taste.
D100	MAYDAY RESISTANCE-Something for your mind.
D99	MONALISA WAS A MAN-Extremely energetic
D95	NINE FINGERS (2)-From the makers of State of The Art.
D92	DREAM TRIPPIN-Takes control of the TV set.
D88	GROOVY-Lemon really go to Town on this one.
D1	STATE OF THE ART-Silhouettes of dancing naked women.
M50	MUMBO JUMBO-A very lively music demo. Lots happening.
M25	JESUS ON E'S (2)-27 Minutes of solid Rave music.
M49	ENIGMA SADNESS PART 1-The 7" single.
M84	CHURCH MUSIC-For all church going people out there.
M81	JUKE BOX-Music juke box style.
M80	TECHNO REACT 2-Good Techno/Rave Compilation.
M66	SOUND BARRIER (2)- 2 disk Mega music demo.
M86	NIGHT SHADE- Aimed at the more placid among us.
M90	DOOP-Doopie doop doop doo....
A64	REVENGE ANIMI (1 MEG)- The unicycle gets revenge on the car.
A65	CANONBALL MAN-5 step guide to a Human Cannonball.
A66	DESERT DOO DOO-Funny desert cartoon.
A67	MONTY PYTHON ANIM (2)-Humerous anim.
A61	OWL MAN (NOT WB2) Cartoon of a super hero.
A62	DAFFY LOOSES HIS HEAD (1 MEG) Anim of Daffy Duck.
A63	LET ME OUT- Odie on an average day.
D148	HYSTERIA (2) - Lots of digitized stuff.
A69	SUICIDE MAN 3 (1.5 MEG) - Morbid suicide anim.

CLIPART

CA11	VIZ CLIPART- Approx. 100 characters from Viz Magazine.
CA12	CHRISTMAS CLIPART- Many aspects of Xmas are covered.
CA20	SMART CLIPART-21 page Hi Res BSW.
CA21	IZZY CLIPART- Lo Med & Ham Res.
CA29	MILITARY CLIPART- Large B&W bitmaps of military clipart.
CA30	AS ABOVE
CA31	AS ABOVE
CA32	AS ABOVE
CA33	AS ABOVE
CA34	AS ABOVE
CA35	AS ABOVE
CA36	AS ABOVE
CA37	AS ABOVE
CA38	AS ABOVE
CA39	MONTAGE LANDSCAPES- Full colour Hi Res landscapes.
CA41	NAVAL CLIPART-Assorted colour and B&W clipart of the Navy.

(WE HAVE LOTS MORE CLIPART LISTED IN OUR CAT.)

FONTS

U156	FONT VIEWER V3-50 Fonts on this disk.
U155	RUSSIAN ADOBE FONTS-If you ever get the erge.
U128	C.G FONTS DISK 2-A Compugraphic Font disk collection.
U129	C.G FONTS DISK 3.
U130	C.G FONTS DISK 4.
U131	C.G FONTS DISK 5.
U132	C.G FONTS DISK 6.
U133	C.G FONTS DISK 7.
U159	C.G FONTS DISK 8
U160	C.G FONTS DISK 9
U161	C.G FONTS DISK 11
U162	C.G FONTS DISK 12.
U163	C.G FONTS DISK 13.
U164	C.G FONTS DISK 14
U165	C.G FONTS DISK 15
U166	C.G FONTS DISK 16
U121	FONTS & SURFACES- Approx. 60 fonts and surfaces for use with Dpaint.
U122	DELUXE PAINT FONTS DISK 1.
U123	DELUXE PAINT FONTS DISK 2.
U124	DELUXE PAINT FONTS DISK 3
U125	DELUXE PAINT FONTS DISK 4.

(MORE FONTS LISTED IN OUR CATALOGUE)

THERE ARE HUNDREDS MORE UTILITIES, GAMES, DEMOS, ANIMATIONS, MUSIC DISKS, AGA STUFF, CLIPART,FONTS,MUSIC MODULES, SAMPLES, ASSASSINS GAMES, FRED FISH, ETC, LISTED IN OUR EXCLUSIVE DISK BASED CATALOGUE

CATALOGUE DISK - 50p incl. PLEASE ADD 75p P&P PER ORDER. OVERSEAS ORDER ADD 20% OF THE TOTAL COST TO COVER EXCESS POSTAGE.

PLEASE MAKE ALL CHEQUES/POSTAL ORDERS PAYABLE TO SRT-PD AND SEND THEM TO:

SRT PD, 27 KINGSHOLM ROAD, WESTBURY-ON-TRYM, BRISTOL BS10 5LJ

PD DROME

PD Drome, Dept CU,
32 Meadow Terrace,
Herrington Burn,
Houghton-le-Spring,
Tyne & Wear DH4 7AF

Disks	Each
1-10	95p
11-20	90p
21-30	85p
31-40	80p
40+	75p
p&p	75p
Catalogue	75p

Make P/O's & Cheques payable to PD Drome

ACCESSORIES

10 cap Disk Box	£1 (+50p p&p)
6mm Mouse Mat	£2 (+50p p&p)
Disk Head Cleaner	£2.25 (+50p p&p)
Dust Cover (500/600/1200)	£2.50 (+50p p&p)
100 cap. Disk Box	£3.75 (+2.20 p&p)
25 Blank Disks	£12.50 or 50p each (+£1 p&p)
26-35 Blank Disks	45p each (+£1 p&p)
36+ Blank Disks	40p each (+£1 p&p)

WE CAN GET ANY PD ADVERTISED IN THIS MAGAZINE!

TEL: 091 584 0917

LOCAL ENQUIRY, PHONE FIRST IF PICKING UP

UTILITIES

U256 D-Copy 3.1
U263 Lockpick 2
U273 Free Copy 1.8
U193 Hackers and Hacking
U021 The Menumaker
U093 Assassins Mega-Boot Utils
U195 Sid v2.1
U022 Iconmania
U332 Busy Painters
U074 Cartoon Brushes
U258 Bfarmat 4
U040 Ghostwriter & Rainbow Writer
U310Fast Intro Maker (Wb2+)
U241 PPshow 4 (Wb2+)
U188 Slideshow Maker
U080 Spectrapaint
U197 Amos Paint v3.7
U298 Animation Construction Kit
U299 Adventure Games Creator
U282 V-Morph
U280 TSmorph v3
U145 Scientific Calculator
U306 Guitar Tuner
U065 Bowl v2.0
U208 Bingo Caller
U228 Portfolio
U229 Little Traveller
U284 Ming-Shu Horoscope
U066 M-Cad
U075 C-Light
U077 Video Utils 1
U078 Video Utils 2
U233 Mandelmania (Wb2+)
U092 Mandelbrot Generator
U106 Chaos and Fractal Utils
U239 Aplelkiste (Wb2+)
U108 C-Manual
U121 Pascal Compiler
U144 Amos Screen Designer
U222 Virus Checker v6.41
U073 A-Gene
U227 Protracker v3.15
U234 Fakemem
U259 Kick 1.3
U290 Relokick 1.4
U261 BBS Simulator
U152 Noomm 2 + Others
U291 Amiga Fox v1.34
U281 Magnum v1.7
U069 Magnetic Pages
X005-6 A64 v3.0 (2)
X018 A64 Utils
U288 Re-Org v3.11
U289 Super Dark (Wb2+)

U092 Last Will and Testament
U305 The Darts Machine
U105 Crossword Maker
U277 Pools Predictor
U325 Horse Forecaster 2.01
U303 HD Stacker
U327 XPK Compression Utils
U045 Krunchas v3.5
U314 Bon Appetit
U341 Wine Maker
U330 Font Master
U051 Word Processors
U308 AZ Spell Checker
U266 600 Business Letters
U135 Printmaster Plus
U324 Banner Maker
U244 Envelope Print 1.5
U328 Mixer Print
U221 Label Printer
U224 Diskprint
U338 Multi Print
U295 Dox Dump
U315 Business Card Maker
U329 Bankin'
U279 Pay Advice 4
U331 Spread & Utils
U268 Amibase Pro 2
U340 Video Maxe
U296 Music Database
U297 Soccer League Database
U293 Bbase 3
U301 Amiga Fox DTP
U334 Business Clip Art
U336 Disney Clip Art
U337 Football Clip Art
U142 Clip Art Food 1

GAMES

G006 Seven Tiles
G010 Wizzy's Quest
G017 Frantic Freddie
G018-9 Star Trek (2)
G030 Breakout Const. Kit + 2 Others
G032 Property Market
G037 Jetman
G042 LCD Games Compilation
G046 Popeye LCD Game
G059 Holy Grail - Text Adv.
G063 Tennis
G067-8 Truckin' On 2 (2)
G069 Lattrix
G071 Evil Dead
G073 Gameboy Tetris Simulator
G075 Downhill Ski Challenge
G077 StarTrek (The Next Generation)

G078 Llamatron
G079 Dr. Mario
G080 Megaball 2.10
G083 Original Boulderdash (Wb2+)
G089 Lemmingoids
G090 Motherlode
G092 Video Poker
G094 Rocky Boulderdash (Wb2+)
G095 Thrust
G099 Cave Runner Plus
G100 Dracula - Text Adv.
G101 Scrabble
G102 Manic Miner
G106 Extreme Violence v6.92
G108 Road to Hell
G109 Super Skoda Challenge
G110 Megasquad
G111 Goalkeeper
G112 Gammon 1.3
G121 Q-Bic
G123 Son of Blagger
G124 Dragon Tiles
G166 Driving Maniacs
G125 Crazy Sue Goes On
G126 U-Chess (Wb2+) Needs 4Mb
G128 Donkey Kong
G129 Cricket
G130 Grand Prix Manager
G141 Airport
G147 Eternal Rome
G148-9 High Octane
G157 Ork Attack
G161 Maira 5.4
G165 Deluxe Galaga
G169 Super Pacman (AS126)
G160 Klaws the Cat
G162 Top of the League
G156 Tetris Pro
G155 Popeye
G150 Metro Train Sim
G181-2 18 Hole Golf (2)
G159 E-Type
G164 Worlds Darts Champion
G186 V-Chess
G152-3 Starbase 13 (2)
G187 Pom Pom Gunner
G188 Wayne's World Pong
G189 Wibble World Giddy
G180 Scorched Tanks
G190 Black Dawn
G204 Croak
G195 Raid 4
G174 Act of War 1.4
G196 Monopoly
G179 Bomb Jacky
G198-9 Mr Men Olympics (2)

G210 Power Tetris
G208 Bomber
E006 Simple Simon & Space Maths

EDUCATION

E007 Talking Colouring Book
E008 Learn and Play 1
E009 Learn and Play 2
E012 Japanese Language
E014 Reflex Test
E015 Communicate
E016 World Geography
E019 Petrol Engine
E020 Biorythms
E022 Singalong Nursery Ryhmes
E023 Children's Songs
E028 Highway Code Tutor
E029 Back to School 1
E030 Back to School 2
E031 Octamed Tutor
E032 Astro 22 v3.5
E033-4 Read and Learn (2)
M016 Enigma "Sadness Part1"

MUSIC

M023 Definate Jarre Show
M042 Twin Peaks Theme
M081 Banging Raves 2
M086 Tankard '19'
M105 Eurythmics: Thorn in My Side
M107 New Order: Blue Monday
M109 David Bowe
M127 Human League: Facination
M151 Groove is in the Heart
M153 Pink Floyd
M162-3 Vivaldi - Four Seasons (2)
M196-7 Jesus On E's (2)
M202 Doop
M205 State of the Art
M206 Songs of Infinity
D068 Ben Elton Live (16+)

DEMOS

D073 Fractal Flight
D082-3 Monty Python 'Nudge Nudge' (2)
D168 Popeye Meets the Beachboys
D221 TAS Ego Trip
D227 Retina Demo
D228 Sonic the Hedgehog Demo
D231 Fairlight 242
D232 Sanity Arte
D233-4 9 Fingers (2)
D235 Lemon Groovy

D236 Explicit 2
D237 Sanity World of Commodore
D249 Abstrax
D250 Trip to Deep Bass
D251 Mayday Resistance
D252 Hypnosis
D253 Brain Snatchers
D254 Extensions
D255 Go with the Flow
D256 Mad Man in Disneyland
D257 Limbo
D260 Virtual World
D261 Dogmatic
D262 Among the Living
S020 Invisible World & Game

SLIDESHOWS

S026 Sherilyn Fenn 1
S036 Gorezone S/Show (16+)
S043 NASA S/Show
S051 Dr Who S/Show
S055 Images from Aquarius v2.0
S073 Cry for Dawn (16+)
S075 Akira Slideshow 2
S076 Akira & X-Men
S089 The Ren and Stimpy S/Show
A013 Mike Tyson KO's

ANIMATIONS

A016 Juggette 2: Revenge
A020 Loominations
A036 Star Trek: Kharns Attack
A054 Juggette 3
A057-60 Quality Time (4)
A061 At the Movies 1.5Mb
A062-3 Dating Game (2) 3Mb
A064-7 Last Stand on Hoth (4) 2Mb fast
B009 Cindy Crawford Slideshow 1

GLAMOUR

B081-2 Bodyshop 4 AGA(2)
B083-4 Bodyshop 5 AGA(2)
B085-6 Fit Chix 3 AGA(2)
B087-8 Fit Chix 4 AGA(2)
B014 Madonna - Like a Virgin
B015-16 Erika Eleniak AGA(2)
B022 Maria Whittaker
B029 Bo Derek
B026-7 Playboy (2)
B036 Rude Puzzle Game
U236 Ultimate Utils

1200 UTILITIES

U240 Action Replay
U237 AGA Utils 1
U322 AGA Utils 2
U238 AGA Utils 3
U262 Protracker AGA
U316 Sleepless Nights
U317 Freaks
U318 PC Task v2.03 PC Emulator
U0319 Winblend
U320 Andy's Wb3 Utils
U0321 Magic Wb (Wb2+)
U278 Lyapunovia
G142-3 Motorola Invaders (2)

1200 GAMES

G144 Mad Fighter
G145 Giger Tetris
G085 AGA Tetris
G084 Boron AGA
G118-20 Klondike AGA (3)
G139 Megaball AGA
G206 Duel Tetris
G207 Knotty
D229 Ameko AGA

1200 DEMOS

D230 Hois AGA
D239 Full Moon
D240 Empty Head
D241-2 Origin
D243 Planet Groove
D244 Fractal Experience
D245-6 Maximum Overdrive (2)
D247 Point of Sale
D255 SOS Demo
D256 Human
D263-4 Lethal Dose 2 (2)
D265-6 Snake
S079-82 Manga Slideshow (4) AGA

1200 SLIDESHOWS

S083 Magic Factory
S084 Ferrari AGA
S085-6 Mini AGA (2) AGA
S087 Nightbreed AGA
S088 Nightbreed 2

SPECIAL PACKS

Prices include postage. Packs do not include free gift offer unless with 10+ disks.

BUSINESS PACK ONE

Text Engine 4.1, Amibase Pro 2, Easycalc(+), Typing Tutor, Print Studio, D-Copy 3.1, Amiga Fox DTP Business Card Maker.

- 8 Disks = £6.75

*Buy both business packs [illegible]

BUSINESS PACK TWO

Forms Unlimited, Invoice Printer, Bankin, 600 Business Letters, Label Print, Filofax, AZ Spell Checker, Home Inventory.

- 8 Disks = £6.75

STARTER PACK

Forms Unlimited, Invoice Printer, Bankin, 600 Business Letters, Label Print, Filofax, AZ Spell Checker, Home Inventory.

- 8 Disks = £6.75

SPECTRUM PACK

*Buy the full set of (approx. 200 games) 14 disks = £11.50

Spectrum emulator 1.7 + 6 disks with Spectrum classics (The Hobbit, Jetpac, Knightlore, Hypersports, Spyhunter, Green Beret - approx. 85+ games).

- 7 Disks = £6.75

A1200 Owners ask for AGA Emulator

ASTRONOMY PACK

Moontool, Stargazer, Amigazer, Min-Shu-Chinese Astrology, Astro 22, Starview.

- 5 Disks = £4.25

F1 LICENCEWARE - Prices from £3.99 to £6.99

We are official F1 Licenceware distributors. Below are 18 exclusive F1 titles which can be ordered from us. A full listing of ALL F1 Licenceware products are in our catalogue. All titles work on A500(+)/A600/A1200 unless otherwise stated. Please remember to 75p for P+P

F1007 Fortress (2Mb Chip + Only) £3.99
Rated 88% A.POWER (Jun 94). Rated 90% THE ONE (Jun 94). This is a war Arcade/Strategy game based on the likes of MEGALOMANIA and POPULOUS, with Excellent GRX, sound FX and an addiction level that will keep you glued to the monitor for simply yonks!" ....Absolute marvel to behold," said A.Action (May 94)" .....Graphics are gorgeous ...I loved it!" Said The One (Jan e 94).

F1006 Blackboard v2.0 (2 Disks) £4.99
Earlier version rated 88% CU Amiga. New version rates 90% Amiga Shopper. "AGA owners get near 24-Bit graphic manipulation ....Should be on your shelf if you are into graphics," said Amiga Shopper. Blackboard is an image processor written specifically for the AGA chip-set machines, although Blackboard will run on any Amiga with the following system REQUIREMENTS: 2 floppy drives (or hard drive) and a minimum 1 meg of memory.

F1001 Magnum Pro £3.99
Earlier version recieved 93% CU Amiga (Oct'93). This is the final version of the acclaimed desk magazine creator with loads of NEW features. Amos source included to create you own interface!

F1002 Cricket Crazy £3.99
Reviewed in A.Power (Apr'94) "Nearly as good as the commercial Cricketsims! ...Just about every aspect of cricket covered. "Cricket Crazy is the most advanced cricket simulation yet, combining arcade action and strategy in a mix of fun and friction that even non-cricket fans will enjoy. Humoungous amount of features!

F1003 Absolute Beginners Guide To Amos (v2.1) £3.99
A.B.G.T.A Has been written with the complete novice in mind and introduces all the early commands every beginner needs to overcome. Loads of example progs ready to run (need Amos)....Set up to print for Epson printers for easy printing of articles.

F1004 Super Fun £3.99
Super fun contains four education programs for children in the range of 5-9 yrs. Great solve the sums game, Make you own records using 750 different sounds, junior version of Mastermind with numbers and a prog which allows you to see any time-table from 1-99

F1009The Rainy Day Disk £3.99
The Rainy Day Disk is an excellent compilation of 5 childrens educational programs. The recommended age range is for 4 to 8 years olds. Point Box allows children to easily colour in one of ten pictures. Tiny Tunes Has 10 popular nursery rhymes in a copy and play enviroment. Wordsearch - Find the hidden words in each of ten different puzzles. Story Book - Henrietta Hen, Ferdie Fox, Bertie Bee and Frank Frog. Scribble Pad - Make you own pictures in this mini-art program.

F1010 Karate Master (Requires at least 1.5Mb) £3.99
Karate Master has all the speed and variety of moves and excitement of the real sport. 1 or 2 Players, 99 levels, Timer on/off option, Sub game every two levels + other features. Reviewed in A.Action (Apr'94) - "You should be impressed "Reviewed in THE ONE (May'94) - Rated 80% Reviewed in A.Power (June'94) - Rated 4 out of 5 (80%).

F1012 Obliteratives £3.99
Obliteratives is an arcade skill game for 1 or 2 players. Create your own IFF screens to use as the play area!

F1013 Through the Red Door £3.99
Reviewed in CU AMIGA (May'94) - "Another great educational pack. "Four educational programs for 3-5 yr olds.
1 - Choose colour of objects in the playroom, countryside & seaside
2 - Help Sarah find missing animals in the shop,garden and bedroom.
3 - Help to dress Sarah and Simon in the correct clothing.
4 - Find the objects begining with the selected letter.

F1014 Tots Time
This one is mainly for the very young child up to four year olds, has three programs.
1 - Press any key in alphabet views pictures relating to the letter
2 - Click on a number to reveal a picture pertaining to that number.
3 - Click on a picture to hear a sound relating to it.

F1018 Relics of Deldroneye (4 Disks) (2Mb Chip only)
Review in The One (Jan'94) "Good a value as any of the full boy games "(Full price games). "Top stuff buy it!" Rated A mouse driven interactive adventure with great graphics, sound FX & animations. Contains brain numbing but logical puzzles, 64 colour gfx and around 100 locations. Like the Island/Lure of Temptress.

F1019 Touch 'n Go
Reviewed in The One (Jun'94) "As far as puzzle games go has everything you could want ....Features an excellent number of levels & layouts. "Rated 87% This is an excellent arcade/puzzle game which supports passwords, 100 levels, parralax scrolling and wicked backdrops, cool music and FX. Demo version appeared in The One cover disk June 94.

F1022 Ask Me Another
This disk gives tremendous value for money, it contains individual learning modules that're both fun and cover a range of different learning techniques. This is intended for children aged 3 upwards. The modules are: Shapes, Time, Words, Adding, Colours, Homes, Money, Sequences, + 11 others.

F1023 Pick and Stick
This one is for children of up to six years old. Pick and Stick a very simple, but fun, picture creator. The child can choose from 3 different settings, SEASIDE, FAMILY or UNDERWATER. The child then has around fifty different objects to PICK and Stick on the background picture to create their own scene.

F1024 Maths Monkey
One of the best educational packs we have. This one is for approx. 7 to 12 year olds. Learning modules are:
1 - 32 clock/time questions of 4 different types.
2 - 24 question covering addition, multiplication, subtraction and division.
3 - Different mapps teaching the child a read coordinates child interacts with a ruler, measuring objects on screen.
4 - How much is? type in the value of ...etc.
5 - An excellent way of graphically teaching fractions.

F1025 Art School v1.1 (2 Disks)
Don't be misled thinking this is a kids program, it is, but EVERYONE will love this awesome art package that is just bristling with original and innovative features. It contains every thing you would expect from a commercial art package and plenty more besides! Buy this product now before the author realizes he could be selling it at 30 quid a time. There are too many features!

F1026 Take a Look at Europe
This is aimed at eleven year olds and upwards. The modules are:
1 - Type in the name of each country (in Europe) the arrow lands on.
2 - You are presented with a map of a country and its capital, you must match this to one of the 24 capitals given.
3 - Name the ocean the whale is currently swimming in.
4 - Enter the name of the country whose flag is shown.
5 - Match the 25 currencies to the correct (map shown)
6 - Gives information on each european country in the form of: area, Capital, Currency, Population and language.

GORF

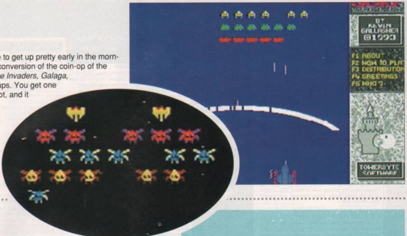
game

It's *Gorf*! Did you guess already? We'd have to get up pretty early in the morning to catch you out wouldn't we? *Gorf* is a conversion of the coin-op of the same name. It's a bumper bonanza of *Space Invaders*, *Galaga*, *Galaxians* and a couple of other shoot 'em ups. You get one level of each game, until you complete the lot, and it all wraps round to the start again.

This isn't an amazing conversion, but if you really want to get back to those 'good old days', it'll keep you quiet for a few minutes or so.

Available from: Magnetic Fields, PO Box 118, Preston, Lancashire PR2 2AW. Tel: 0772 881190. Price: £2.50 including P+P.

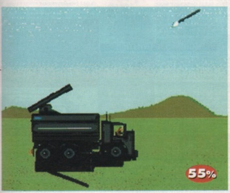
72%



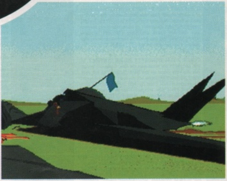
ATTACK!

animation

I thought this was going to be funny at first. Maybe it was the ropey sampled speech, or the similarity to those old Eric Schwartz Gulf War cartoons. I was wrong. Actually, on second thoughts, I was right. It is funny, but I don't think it's supposed to be. Here's the plot.



55%



A Stealth Bomber appears on an enemy radar, which locks on and fires a missile. The plane takes a hit and plummets towards the desert floor. A nearby soldier suddenly realises that there's 1,000 tonnes of black metal heading straight for the mess tent, and tries to stop its advance with his rifle, but to no avail. The troops' dinner is rudely interrupted by the arrival of the plane, which rips right into the tent. The end.

Available from: Cynostic PD, Office 01, New Enterprise Centre, Little Heath Industrial Estate, Old Church Road, Coventry CV6 7NB. Tel: 0203 681687. Price: £2.75 including P+P. Requires 1.5Mb.

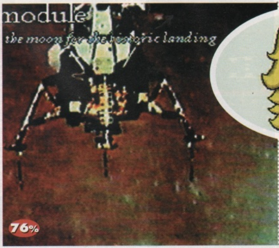
APOLLO 11 HYPERBOOK

diskbook

I love all this stuff about going to the moon. Even though it's had plenty of coverage with the recent anniversary, the moon landing it is still fascinating stuff – if you're that way inclined.

This is a multimedia presentation kind of thing, created with *Hyperbook*. There's text, detailing the various aspects of the mission, and fuzzy digitised illustrations, mostly taken from video. You also get a few sound samples, including the 'One small step...' quote, and the countdown sequence. A third disk of pictures is available from the author, although the registration document didn't work on my copy.

Available from: Cynostic PD, Office 01, New Enterprise Centre, Little Heath Industrial Estate, Old Church Road, Coventry CV6 7NB. Tel: 0203 681687. Price: £3.50 including P+P.

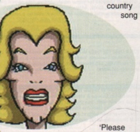


76%

PLEASE RELEASE ME

animation

This one rates fairly high on the stupid-o-meter. It is quite amusing the first time around, however, it quickly loses appeal after a while. What we have is a glamourous cartoon crooner, wailing out the opening line of the country song 'Please Release Me'. The singer's head is, in fact, a balloon, which is promptly released on demand, and sent farting around the screen as it deflates. And that's it.



Available from: Roberta Smith DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Disk no. MC003. Price: £1.40 including P+P.

70%

United Public D

The innovators

Look out for the CLR logo!

Most CLR titles ok on A1200!

.. The Central Licenseware Register ..

Commercial Quality programs at a PD price!

Most CLR titles ok on A1200!

CLE01 TOTAL CONCEPTS DINOSAURS Have your children ever wanted to know about the ancient world of the dinosaur? If so then this is for you - an interactive encyclopedia covering Jurassic, Triassic & Cretaceous periods complete with pictures and information. This program is plus compatible & comes on two disks only £4.95 + (PC version available!)

CLE03 TOTAL CONCEPTS SOLAR SYSTEM Now our most popular title ! This one invites you to learn all about the solar system, with information on all of the planets & systems with pictures supplied by Nasa, this is a superb educational package for children & adults. This title is so big it is supplied on Three disks and is priced at only £5.95. + (PC version available)

CLE05 A-CHORD So you want become the next Eric Clapton then this is just what you need ! This program will teach you nearly every single guitar chord including fingering techiniques, it will even play the chords using the amigas built in sound chip. A must for every single guitar player beginner and experts alike. Price £3.95 +

CLE15 FAST FRET By Keith Klatworthy, this program is a guitar scales tutor, the very thing for the budding lead guitarist! Will play the scales through the Amigas sound chip with ajustment of speed for every level of skill required! There are many exercises in many scales so you too can become the next rock legend! Supplied on one disk priced £3.95. +

CLE035 TOTAL CONCEPTS SOLAR SYSTEM 2 In this sequel to our most popular title, Chris Hill brings you the very latest on the Solar System! All the very latest planetary missions are covered & if you thought the images in TC! Solar System were good wait until you see these 40+ images! This is a must if you have TC! Solar System. 3 disks only £5.95.+

CLE049 TOTAL CONCEPTS DINOSAURS 3 Is the latest TC! to join this exellent series & uses a new layout giving you a dino image & info buttons onevery page! It includes the new superstar of the dino world Velociraptor. If you are at all interested in Dinosaurs this is a must to complete your Dinosaur library!! Over 30 images supplied on 3 disks only £5.95.+

CLE41 BASICALLY MEDICINE A title written by members of the St John's Ambulance brigade, this is a superb title covering Diseases,treatment, Medicine & Drugs, Health & Illness, Basic equipment needed & the medical pioneers who helped create modern Medicine! A really useful title. Comes on two disks £4.95. +

CLE051 PAINT PASTE & DRAW
This is a stunning drawing/colouring book, containing lots of background pictures, brushes to paste on, plus editor to design your own , you can even add your own artwork to the picture. A superbly presented program, this one is a must for young children!
1 disk £3.95.+

CLE54 TITANIC
Yes, a book covering one of the most famous of all passenger ships The Titanic and its fateful maiden voyage. This title is literally crammed with facts and fiigures on one of the most fascinating ships of all time, a ship which was thought to be unsinkable! Comes on 2 disks and is priced at £4.95. +

CLE58 TOTAL CONCEPTS! STARS & GALAXIES
In this TC! Chris Hill takes you from the confines of the Solar System to the Universe beyond. Just about everything is covered from star births to Black Holes & Quasars.over sixty images of such quality that you will think that some are Ham8 This program is a must! 3 disks only £5.95.+

CLE59 A TOUR THROUGH TIME
This is an exellent introduction to all the ages of the earth! Starting with the big bang, you progress through time , the beginning of life in the sea through the fishes, reptiles & finally the age of birds & mammals & man upto the space age. Book your trip NOW! 3 disks only £5.95.+

CLU03 TYPING TUTOR A program here now for all you budding office clerks, learning to type can be a real pain, lessons cost a fortune, but not when you have an amiga ! This program will take you step by step through a full typing course, showing where to place your fingers and lots more. Before long you'll be able to type as fast as I can ! Price £3.95 +

CLU032 POWERTEXT 2 This is a superb & powerful wordprocessing program, featuring embedded commands, automatic saving, Mail merging, built in spelling checker, user definable function keys, wordwrapping & much much more! You will probably never need any more than this !
Needs 1 mg of ram. 1 disk £3.95.+

CLG40 TRAX Now this is a very good fruit machine simulator. However this one is slightly different! The plot is not to go for the money but to complete the TRAX feature. The money you win just gives you more goes to complete the task! A very addictive version of a classic game!
Comes on 1 disk £ 3.95+

MORE CLR EDUCATIONAL!

CLE02 T C GEOLOGY	2 disks 4.95 +
CLE07 T C FRESHWATERFISHING	2 disk 4.95 +
CLE08 NIGHT SKY	1 disk 3.95. +
CLE09 WORDS & LADDERS	1 disk 3.95.+
CLE10 BASICALLY AMIGA	3 disks 5.95. +
CLE11 LET'S LEARN	1 disk 3.95. +
CLE12 ALPHABET TEACH	1 disk 3.95+
CLE13 HOME BREW	1 disk 3.95. +
CLE14 T C ECOLOGY	3 disks 5.95. +
CLE16 KINGS & QUEENS	2 disks 4.95.+
CLE17 THINGAMAJIG	1 disk 3.95. +
CLE18 WORK & PLAY	1 disk 3.95. +
CLE19 PLAY IT SAFE	1 disk 3.95. +
CLE20 BIG TOP FUN	1 disk 3.95. +
CLE21 JIGMANIA	1 disk 3.95! +
CLE22 CHESS TEACHER	1 disk 3.95. +
CLE23 MIND YOUR LANGUAGE	1 disk 3.95. +
CLE24 SPEED READING	2 disks 4.95. +
CLE25 CHORD COACH	1 disk 3.95. +
CLE27 C.A.T.T.	2 disks 4.95!+
CLE29 PREHISTORIC FUN PACK	1 disk 3.95+
CLE30 PEG A PICTURE	1 disk 3.95 +
CLE31UNDERSTANDING AMOS	2 disks 4.95. +
CLE32 SPITFIRE!	2 disks 4.95.+
CLE33 MESSERSCHMITTBF109	2 disks 4.95.+
CLE34 YOUR FIRST PONY	2 disks 4.95.+
CLE36 THE TIME MACHINE	2 disks 4.95.+
CLE37 DISCOVERY AMERICA	1 disk 3.95.+
CLE38 HOME INVENTIONS	2 disks 4.95.+
CLE39 MY LITTLE ARTIST 1mg	2 disks 4.95.+
CLE40 BOREALIS JUNIOR	1 disk 3.95.+
CLE42 COMPOSITION	1 disk 3.95+
CLE44 PORTRAITURE	1 disk 3.95+
CLE46 BASIC HUMAN ANATOMY	1disk 3.95.+
CLE47 SEA SENSE	1 disk 3.95. +
CLE48 ROCKET MATHS	1 disk 3.95+
CLE50 DRATV2.4 needs1.5mg	2 disks4.95+
CLE52 TELL THE TIME	1 disk 3.95+
CLE53 LET'S LEARN 2	1 disk 3.95+
CLE55 BASICALLY BASIC	1 disk 3.95.
CLE56 BASICALLY CHEMISTRY	1 disk 3.95+
CLE57 PAINT ME A STORY	2 disks 4.95+
CLE61 SOUND & ANIM STATION	2 disks 4.95+
CLE62 BASIC MASSAGE	3 disks 5.95+
CLE63 TUTANKHAMUN	2 disks 4.95+
CLE64 IQ TESTER	1 disk 3.95+

MORE CLR UTILITIES

CLU01 VIDEO TITLER	1 disk 3.95+
CLU04 ALPHAGRAPH	1 disk 3.95. +
CLU06 SUPERSOUND V4.7	1 disk 3.95.
CLU10 POWER ACCOUNTS	1 disk 3.95.+
CLU11 CALCV1	1 disk 3.95 +
CLU12 VIRTUAL WINDOWS	1 disk 3.95.+
CLU13 DATOS	1 disk 3.95. +
CLU14 STOCK CONTROLLER	1 disk 3.95. +
CLU15 EPOCH VI	1 disk 3.95+
CLU17 LC10 FONTS	1 disk 3.95.+
CLU18 LC200 FONTS	1 disk 3.95. +
CLU19 LC24 FONTS	1 disk 3.95 +
CLU20 CANON BJ10.	1disk 3.95+
CLU21 INVOICE MASTER	1 disk 3.95. +
CLU22 HARD DRIVE MENU	1 disk 3.
CLU27 IMAGE BASE	1 disk 3.9
CLU29 G.F.X.	1 disk 3.9
CLU30 DRAW SELECTOR V2	1 disk 3.9
CLU31 FLOWCHARTER	1 disk 3.9
CLU33 AM TUITION	1disk 3.9
CLU34 IMAGE DOCTOR V1	1 disk 3.9
CLU35 CRITERION	1 disk3.9
CLU36 ILINOIS PROFESSIONAL	2 disks4.
CLU37 FIND IT	1 disk 3.9
CLU38 SMALL ACC MANAGER	1 disk 3.9
CLU39 HARD DRIVE MENU 2	1 disk 3.
CLU40 ARCO	1 disk 3.95+
CLU41 REFLECTIONS	2 disks 4.95+

MORE CLR GAMES

CLG05 TRUCKIN ON	2 disks 4
CLG08 DRAGON TILES	1 disk 3.9
CLG12 BULLDOZER BOB	1 disk 3.9
CLG13 PARADOX	1 disk 3.9
CLG15 SPLODGE THE ESCAPE	1 disk 3.9
CLG16 CRYSTAL MAZE	1 disk 3.9
CLG17 IMBRIUM	1 disk 3.9
CLG20 JUNGLE BUNGLE	1 disk 3.9
CLG21 FLOWER POWER	1 disk 3.9
CLG25 WHITE RABBITS	1 disk 3.9
CLG26 MONSTER ISLAND	1 disk 3.9
CLG35 OG	1 disk 3.9
CLG45 KNIGHT FIGHT 2	2 disks 4.
CLG46 ARCHIPELAGOS	1 disk 3.9
CLG47 KIDS FUN PACK	1 disk 3.9
CLG48 THE LOST PRINCE	2 disks 4.
CLG49 SPACE POWER	1 disk 3.9
CLG50 HAIRPIN 2	1 disk 3.9
CLG51 TEN PIN BOWLING	1 disk 3.9
CLG52 ADVENTURE CREATOR	1 disk 3.
CLG53 WALL STREET	2 disks 4
CLG54 NATIONAL HUNT	1 disk 3.
CLG55 CRYSTAL QUEST	1 disk 3.
CLG56 SENTINAL	1 disk 3.
CLG57 DREAMSTREAM	1 disk 3.
CLG58 GIGERPHOBIA	1 disk 3.95
CLG59FOOTBALLCLUBMANAGER	1 dis

COMPTECH PRO COMMERCIAL CL

This is a brand new range of clipart designd exclusiv
These images are of very high quality and detail and a
3.50 per disk! All images are in IFFformat & may be im
most packages! ok 500,600 + 1200. PC versions ava

CT001 TRIASSIC DINOSAURS CLIPART	only
CT002 JURASSIC DINOSAURS CLIPART 1	only
CT003 JURASSIC DINOSAURS CLIPART 2	only
CT004 CRETACEOUS DINOSAURS CLIPART 1	only
CT005 CRETACEOUS DINOSAURS CLIPART 2	only
CT006 DRAGONS 1 mythical Dragons!	only
CT007 DRAGONS 2 More super dragons!	only
CT008 DRAGONS 3 Some more super Dragons	only
CT009 DRAGONS 4 And yet more dragons!	only

NEW TITLES!!!

PG372 KNIGHTS Wander deep in the medievil dung
PG373 SCOTTISH FOOTBALL MANAGER Good! +Y
PG374 AUTOMOBILES Overhead view car game +Y
PG375 BUCKTOOTH BOB This is a crazy platform g
PG376 THE SWORD OF YIGG adventure game! +Y
PG377 OVERLANDER Nice shoot up game! +Y
PG378 FIGHTER DUEL PRO 2 Flight sim 2mg Y
PG379/80 GEORGE GLAXO Good platform game (2)
PB052 ASI OFFICE HELPER Show STD,Home budg
PB053 ASI OFFICE HELPER II Phonedir,Quickfile, l
PM244/5 METALLICA RIDE THE LIGHTNING Octa
PM246 MATRIX CHILLOUT EP 4 housey type songs
PM247 MATRIX KAOS EP 4 breakbeat style songs!
PM248/9 ROCKILY Some nice music! (2) +Y
PM250 MOVE ON Huge Octamed module needs 1mg
PU536 MAGIC WORKBENCH EXTRAS more super
PU537 FLICK 1.2 Play PC FLI animations on the Amig
PU538 WB3 LIBRARIES & DATATYPES Useful disk! Y
PU539 VIC 20 EMULATOR For nolstalgia fans only! +
PU540 AMIGA E GUIDE Useful to programmers. +Y
PU541 ASI MULTIVISION 5 Fast jpeg,PPshow 4 &
PU542 ASI MULTIPRINT 3 E print, miser print & more
PU543 ASI MULTIPRINT 4 Epoch master,print manag
PU544 AREXX USERS REFERENCE MANUAL usef
PD259/60 QED 2 By Talent New AGA,great effects
PD261 ETERNITY A nice AGA intro 1200 only.
PD262/3 SMALL IS BEAUTIFUL collection of intros
PS172 MECHANIX SLIDE AGA 8 superb Jpeg pics
PS173/5 AWSOME JPEGS 8-10 Stunning (3) 1200
PT113 SPEECH & INSTRUMENTS 75 samples on th
PT114 VARIOUS SPEECH 27 different samples! +Y
PT115 RADIO JINGLES 14 great jingles! +Y
PT116 SONG SPEECH SAMPLES 1 lots of samples
PT117 SONG SPEECH SAMPLES 2 And more samp
PT118 BEAT LOOPS Some interesting loops! +Y
PT119 INSTRUMENT SAMPLES Lots of varied sam
PT120 INSTRUMENT SAMPLES Lots more samples
PT121 AC/DC & DEEP PURPLE MODS 2 huge rock
PT122 SOUNDMACHINE Play & convert WAV & VO
PT123 MIDI PACKET MASTER Super midi software
PT124 AUDIOMAGIC 7 Quadracoomp 2.3, Multrippl
PT125 AUDIOMAGIC 8 FM Synth 3.2,Delux music p
PT126 AUDIOMAGIC 9 Prowizard v2, Mastermidi e
PT127 AUDIOMAGIC 10 Sampex 1.2,Sound effect
PT128 SONIC DRUM KIT Good little drum machine!

NEW ASSASSINS C

This is the Ultimate games CD to own, well
ready to run games on Amiga CD32, the o
where ALL the games will work and will let
whether you need a mouse or keyboard f
game before you run it! Shoot em ups, pl
games, puzzles, cards, adventures & much
more,(many games not on the Assassins
disks) perfect for all the family, makes an
present, also works on CDTV and Amiga C
As well as all this the famous Assassins g
collection disks from 1-200 are DMSed (
the CD as well! Its worth having a CD32
all these classics! only £19.99 pl

(IMMINENT SEPTEMBER STO
PLEASE PHONE)

AMIGA CD ROM COMPACT DISCS!

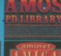
CDPD 1 Fred Fish disks 1-660, hundreds of music modules & players with which to play them, & much much more! £19.95 plus 50p p&p.
PS Only a few left!
CDPD 2- This CD contains Fred Fishdisks 661-760, Scope library from 1-220 & more! £19.95 plus 50p p&p
CDPD 3 This CD contains Fred Fish 761-890, classical literature etc £19.95 plus 50p p&p

WEIRD SCIENCE MULTIMEDIA TOOLKIT CD ROM!
This is a superb CD Rom, filled to the brim with over 10,000 files,500 24bit jpeg images & 500 Ham8 & Ham interlace versions,Hundreds of megabytes of clipart, (iff black & white,colour and scaleable), hundreds of iff fonts, Compugraphic fonts & coloured fonts, icons, music modules, music samples and lots more! Works on CDTV, CD32, Amiga CD Rom & is also PC compatible on a suitable PC CD Rom only £19.95

DEMO COLLECTION Over 600 megabytes of software inc demos in an archived format, lots of iff samples for youur music utilities, lots of runnable PD games, iff clipart, fonts, animations , 1000 modules to play on your music tracker, commercial demoes of games & utilities & much much more! £19.95 plus 50p p&p.

NEW WEIRD SCIENCE NETWORK CD ROM!
Superb networking CD to enable file transfer & other functions. The CD32/CDTV is prevented from rebooting on removal of this CD thereby enabling access to any CD.It contains Parnet,Sernet,Ncomm ,Term ,Fred Fish 800-975,Tbag 1-74,Photo CD software ,the latest Amos disks (over 120),500 256 colour images, image converters & much more! Works with joypad & has 16 colour WB on WB 2 & 3 systems! With this CD you can access all the others on this page. Only £14.99 + 50p p&p.

DEMO COLLECTION II Over 100 ready to run PD games either from CDTV or CD32 lots of ready to run animations, loads of music modules & music samples, Jpeg pictures, HAM8, 256 colour & HAM slideshows ,loads of Amiga demos & a whole lot more! £19.95 plus 50p p&p.

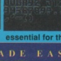


NEW CD ROMS IN STOCK NOW!!

THE OFFICIAL AMOS CD
Crammed with over 33.000 files, contains all the Official Amos library ,over 1600 amos source codes, sprite banks, Ctext banks, 800 samples,music & much much more! Over 600 disks worth of software only £19.99! & 50p p&p
AMINET 3 1.1 gigabytes of software in over 3300 archives! Applications, games,business, network utilities & much more, most in lha format! An ESSENTIAL purchase! only £19.95
CDPD 4 Latest,contains Fish 890-1000,Gnu compiler,imagine objects, loads of fonts & much more! only £19.95
SOUNDS TERRIFIC An awesome CD for the musician & Music enthusiast, this is a double CD containing thousands of IFF samples,music modules,loads of Sonix scores,midifiles,lots of music programs such as Soundtrackers,sample editors, midi programs & a whole lot more, also features hundreds of PC Wav. & Voc. samples & a conversion program to convert them to IFF! Yes 1.2 Gigabytes of music software! only £19.95
FONTS CD 600 megabytes of Fonts? Contains thousands of Compugraphic fonts ,Adobe type, bitmapped, colour fonts, cut & paste in fact more than you will ever need for Pro page,Pagestream,Wordworth Final Writer Dpaint etc. Best value font CD ever at an amazing £9.99.
CLIPART CD Yes, hundreds of megabytes of clipart for all occasions, thousands of black & white hi-res IFF images of every possible subject, colour clipart, colour brush clipart,Encapsulated postcript clipart & more! Fabulous value only £9.99

THE EUROSCENE CD Too new to review fully, but is packed with latest demos & other software from Europe & elsewhere. There are 600mb of Amiga demos & music on this disk. See the best talent on hundreds of European demos drawn directly from the FUNET internet archive.Many party winners & some never seen before! All are archived and designed for BBS, Amiga CD ROM (including A570) and Unix!
A bargain at only £14.99 plus 50p p&p..

THE VIDEO CREATOR
Exellent new CD from Almathera, this one enables you to use images, animations and special effects & time them with your music CDs. It is also the first product to utilise the FMV cartridge for the CD32 so you can superimpose images over your existing video CDs! Complete with hundreds of images, pro effects & colour cycling changes, & random generated video effects! Super value only £34.95 plus 50p p&p



CD32 serial cable with keyboard passthru only 19.99 essential for the Network CD to work with a computer!

ORDERING MADE EASY

BY POST: send your Name, Address & Order details with a Cheque / PO / IMO to any of the companies listed
BY PHONE: Call us with your card number, expiry date and details for a 1st class service. All major cards accepted
PD PRICES: For this summer, disks are only 99p per disk, any quantity (minimum order of 2 disks!)
POST & PACKING: UK - 50p • UK 'Recorded Delivery' £1.25 • Europe +25p per disk • Rest of World +50p per disk
REMEMBER: We stock Fish 1-1000, Tbag 1-74, Amos, Scope, Snag, Amicus, Amigos & lots more superb PD disks!!

PLEASE NOTE:
All disks on the advert should work on the Amiga 1.2/1.3
systems unless otherwise stated! All disks with a "+" sig
should work on the Amiga 500+ & 600 machines!
However there are so many different setups now in use
becoming impossible to test for every possible variation,
please use some caution especially with A1500/2000 with
various dos systems, CDTV and of course the new Amiga
& 4000 systems. Disks marked with a "Y" should be okay
A1200 / 4000 though obviously not yet extensively tested
Please take care!

Main Distributors

not the imitators !

CLASSIC CLIPART

[illegible] & White) (Okay on A1200 / A4000.)
[illegible] in this collection is very high quality, [illegible], many greater than on Amiga hires screen, [illegible] in Dpaint or DTP packages, each disk autoboots [illegible] slideshow allowing you to view the entire bitmap [illegible] the mouse! (Prices per disk!)

WEDDINGS Super wedding clipart, 2 disks!+
HOUSES 2 disks, pictures of mansions etc!+
RELIGIOUS 3 disks full of holy clipart!+
WWII AIRCRAFT World war II planes!+
MEN 2 disks full of men at work!+
WOMEN 2 disks full of women clips!+
KIDS 2 disks containing kids clipart!+
BUSINESS Disk full of office clipart!+
OFFICE Another office type disk!+
STUDENTS Lots of student type pics!+
SALETIME Many useful logos etc!+
XMAS 3 disks of Xmas related pics!+
PUNCH 3 disks of cartoon pics! +
ANIMALS Fantastic quality pictures!+
CATS Only 12 pics but super quality!+
SILHOUETTES 18 super silhouettes!+
SCHOOLS 2 disks of school pictures!+
BABIES Clipart on a baby theme!+
SPORT 2 disks full of sport pictures!+
OLYMPIC Another sport type disk!+
MEDICAL 2 disks full of medical clipart!+
SEALIFE Pictures from the Ocean!+
DECORATIVE MONTHS 1 for every month+
WACKY Funny comic type clipart!+
HOLIDAYS Holiday type pictures!+
BANNERS 2 disks full of banners!+
ART NOUVEAU FLOWERS Floral art!+
BUTTERFLIES Nice pictures!+
FOOD 2 disks on a food/kitchen theme!+
COLOURING BOOK Colour in Dpaint!+
BORDERS 2 disks, must load into DTP!+
MAC CLIP 2 disks high quality macart!+
HORNBACK Nice scenic clipart!+
TEDDY BEARS 2 disks of Teddy bears!+
VANITY FARE 2 disks fashion clipart!+
HALLOWEEN CLIPART Wierd clipart!+
SHOWTIME Dancing, singing etc!+
VEGGIES Vegetarian clipart!+
FLORAL 14 very detailed pictures!+
MYTHS Mythical images + zodiac!+
DOG WOODCUTS Super 300dpi pics!+
CAT WOODCUTS Great wildcat pics!+
AFRICAN WOODCUTS African animals!+
AMERICAN WOODCUTS More animals!+
ARTIC WOODCUTS Northern animals!+
FARM WOODCUTS Farm animals!+
MIXED ANIMAL WOODCUTS Nice pics!+
BIRDS WOODCUTS 18th century bird pics+
MORE ANIMALS More superb pictures!+
ANIMAL LINEART Varied selection of pics
BOTANICAL ART detailed plant pics!+
FAMILY SCENES 2 disks of domestic life!+
GOLF HUMOUR 2 amusing cartoon disks!+
SPACE & TRANSPORT On a space theme!+
SOFTSCENE2 29 rural scenery pictures!+
SPORTS3 More pics on a sports theme!+
NAVY Lots of naval type pictures!+
TRAVEL 2 disks on a travel theme!+
ALPHABET Borders & alphabet clips!+(2)
ACCENTS & FLASHES Burst stars+ more+
FISH Lots of aquatic pictures! +Y
SOFTSCENE 3 More nice scenery pictures! +Y
RESTAURANT 3 disks of Restaurant pictures(3)Y
MORE HOLIDAYS Festive holiday pictures! +Y
ANIM & BIRD 44 nice pictures! +Y
MOSSBURN ANIMALS 32 nice animal pictures! +Y
BURCHFIELD KIDS Some nice kids clipart! +Y
BEAST & MYTH 3 disks of Monsters,demons etc!(3)+Y
TRANSPORT 3 disks of Cars,Airplanes Ships etc!(3)+Y
TRUCKS & TRAINS Full of Wagons trains etc! +Y
ASTROLOGY 2 disks of astrological signs! +Y
AIRCRAFT 3 disks full of aircraft pictures!(3) +Y
BIRDS Songbirds, Birds of Prey & more! +Y
DOGS Disks full of good dog pictures! +Y
HOUSES CASTLES & BUILDINGS Good pics +Y
SPORTS-MAC Lots of good sports pictures! +Y
GARDEN Lots of horticultural pictures.(5) +Y
MILITARY 10 disks of military clipart! (10) +Y
HOFFMAN GRAPHICS Nice pictures! +Y
KIDS ANIMALS DISK Cute cartoony animals! +Y
FARM & HORSES Nice pastoral pictures! +Y
SHIPS Sailing & Steam ships! +Y
ANATOMY 2 disks of huge skulls skeletons etc!+Y
CAMPING On an outdoor theme! +Y
WILDLIFE 3 disks full of wildlife clips(3)+Y
MARINE & NAUTICAL To do with sea life!+Y

AMOS PD

AMOS UPATER LATEST VERSION v1.36 + Y
POOE KINGDOM Good exploration game (2) +
SHAPES Excellent kids game !+Y
CASSETTE LABELLER + MIXED SOURCE+Y
WIZARDS DOMAIN graphical adventure+Y
TOTALLY AMOS Good read for programmers!+Y
NOTEBOOK & SHOPPING LIST Easy to use !+ Y
COMPILER 1.36 UPDATE, LATEST compiler !+Y
KARATE WORM II Nice little game! +Y
DRIVER TEST Test speed of your reactions!+Y
SLIDESHOW CONSTRUCTION SET V2! +Y
NODDY,S PLAYTIME Educational demo! +Y
AMOS PRO For Amos Professional! +Y
TOP OF THE LEAGUE Football manager!+Y
AMOS PRO UPDATER V1.12 Just in!!! +Y
SUPER BATTLE ZONE A good version! +Y
ALPHABET Simple alphabet teacher! +Y
FAMILY HISTORY DATABASEV2.2 Latest! +Y

NEW! UPD GOLD LICENCEWARE! MAD FIGHTER 1200!

Superb new 3 disk fighting game for the 1200 only! This will keep you busy for ages as you try to defeat one opponent after another. Huge sprites and fast gameplay make this an essential 1200 game!

A UPD Licenseware product only 5.99+50p p&p.

COLOURED CLIPART

This is a superb collection of coloured clipart, mostly in Ham mode (4096 colours), though some is in 16 colours. Can be loaded into Deluxe Paint 4 or any other package accepting Ham pictures!
(OK on 500, 500+, 600, 1200 & 4000!)

CCL001/10 MAPS, Afganistan-Zambezi, autoboots!(10) + Y
CCL011 REPTILES, good pictures, autoboots! +Y
CCL012/3 ACTORS, famous faces, autoboots! +Y(2)
CCL015/6 AIRCRAFT & CARS assorted, autoboots! +Y
CCL018/26 BIRDS 8 disks, Super, autoboots! +Y
CCL027 CATS, 1-16 Super cat pics,autoboots! +Y
CCL028/35 DOGS, 1-126 Super dog pics,8 disks! +Y
CCL036 EXPLORERS 1-13 famous explorers,autoboots+y
CCL037/40 FISH 1-92 Super pics pictures,(4 disks)+y
CCL041/51 FLOWERS 11 disks of flowers! (11 disks)
CCL052+4 FRUIT 2 disks, Good pics! (2)autoboots! +Y
CCL055 FRONTIER 1-13 Pioneer pictures,autoboots
CCL056/7 HORSES 1-16 Great horse pics,autoboots!(2) +Y
CCL058/61 INSECTS Small creatures!(4 disks) +Y
CCL062/3 INVENTORS 2 disks full (2) +Y
CCL064/71 MAMMALS More animals pictures(8 disks)+Y
CCL072/3 INSTRUMENTS 4-25 Musical (2 disks) +Y
CCL074 MILITARY 7-17,& MUSICIANS 1-4! +Y
CCL075 MUSICIANS 9 -21 Classical! autoboots! +Y
CCL076/7 PREHISTORIC Dinosaurs!(2) autoboots! +Y
CCL078/81 PEOPLE Lots of people! (4 disks)+YY
CCL082/4 PRESIDENTS 1-40 USA presidents,3 disks +Y
CCL085/7 REPTILES 1-19 Good pics (3) autoboots! +Y
CCL088 SHIPS 10-33 Marine vessels! +Y
CCL089 SPORTSMEN, Various sportsmen,autoboots! +Y
CCL091/6 TREES, 6 disks of tree pictures! autoboots! +Y
CCL097/100 VEGETABLES 1-48 goodpics4disks,wb+y

COLOUR BRUSH CLIPART

Saved as brushes so they can be pulled easily into Dpaint!

CB001 Lots of brushes on an art & schoolwork theme. +Y
CB002 Lots of brushes of stores food,garden home & more! +Y
CB003 Lots of brushes on a sporting theme (142 brushes) +Y
CB004 Lots of brushes on a food & confectionary theme! +Y
CB005 Lots of brushes, 155 pics on a financial theme. +Y
CB006 Lots of brushes of cute cartoon caracters! +Y

FONTS (Bitmapped & assignable)

PU048 DYNAMITE FONTS II CutNPaste fontscreens Y
PU049 DYNAMITE FONTS More CutNPaste Fonts Y
PU058 FONTS AND RAM MANAGER BIG video fonts+
PU059 FONTS & SURFACES Backdrops & fonts+ Y
PU169 GELIGNITE FONTS CutNPaste fonts!+
PU175 GELIGNITE FONTS II Excellent IFF fonts+Y
PU176 GELIGNITE FONTS III More of above!!+
PU185/8 COSMOPOLITAN FONTS (4) Packed with fonts+Y
PU201 MALICE FONTS Exellent tiny fonts for Dpaint!+Y
PU226/7 C-EYES FONTS For use in Dpaint, WB, etc.(2)+Y
PU278 GELIGNITE FONTS IV Yes more Iff fonts!
PU331/43 COLOUR FONTS(ASSIGNABLE)Dpaint etc(13) +Y
PU356 FONTFARM Contains 55 large & Small fonts! +Y
PU390 FONT FARM 2 Lots more good fonts! +Y
PU391 FONT FARM 3 Another disk crammed with fonts+Y
PU451/2 HARLEQUIN FONTS Hires fonts & textures!(2)+Y
PU463 BLUE ROSE FONTS 1 Superb cut & paste fonts. +Y
PU464 BLUE ROSE FONTS 2 great cut & paste fonts! +Y
PU465 BLUE ROSE FONTS 3 with a Christmas theme! +Y
PU521/4 BLG FONTS Full of good cut & paste fonts!(4)+Y
PU525/6 CINNAMON FONTS 2 disks full of coloured fonts+Y
PU527/31 FONT FARM 5-8 Loads more good fonts! (5)+Y

PROFESSIONAL FONTS

These fonts are for Professional page & Pagestream use only!
PU231/5 PAGESTREAM FONTS 5 disks full, super fonts!+ (5)Y
PU236/7 SCOPE197/8 Adobe type fonts, 2 disks full! +Y
PU257/61 PAGESTREAM FONTS 2nd set of good fonts.(5)+Y
PU264/8 OUTLINE FONTS For Pro pagev3 or 4(5) ONLY!!+Y
PU319/23 OUTLINE FONTS For Pro page 2.1 or 3!(5)+Y
PU403/7 OUTLINE FONTS For Pro pagev3 or 4 only!(5) +Y
PU408/12 MORE OUTLINE FONTS (As above) (5) +Y
PU413/7 MORE OUTLINE FONTS (AS above) (5) +Y

OCCULT,ASTRONOMY+PREDICTION

PU015 BIORYTHMS, STARCHART 2 Good programs+ Y
PU174 ASTRO 22 professional astrology now V3.5! +Y
PU211 AMIGA PUNT A horse race predicting program!+Y
PU212 PERM CHECK PLUS a pools prediction prog Y
PU213 RACE RATER Another horse racing program!! +Y
PU238 M.O.R.C.V2 rune caster,new 1 disk version!+Y
PU354 ASTRONOMY v2 calculate info on solar system! +Y
PU362 STARVIEW Gives view of star for given time etc!+Y
PU363 FORCASTER Horse racing prediction program! +Y
PU364 COURSE FORM Simple horse racing prediction!+Y
PU375 POOLS TOOLS2 3 pools related programs!+Y
PU377 MING SHU Simple astrological program! +Y
PU454/5 THE HUMAN AURA Interesting book! (2) +Y
PU456 THE MYSTERIES OF RUNES all the signs. +Y
PU473/4 STRANGE Abductions,UFOs corn circles etc (2) +Y
PU482 DIVIDEND WINNER Pools prediction aid ! +Y
PU485 WITCHES COOKBOOK Turn mum into a newt! +Y
PU486 THEORY & PRACTICE OF MAGIC Fun only! +Y
PU487/8 PARANORMAL INVESTIGATIONS Weird! (2) +Y
PU497 RUNEMASTER Become familiar with the runes. +Y
PU506 I CHING Learn all about the Oracle! +Y

SLIDESHOWS

PS120 KEITH RHODES SLIDE 3 fantasy pics!1200 only Y
PS125 REVELATIONS SLIDE staggering quality art!+Y
PS139/40 SHED TEARS Nice Fantasy pictures.1200 ONLY
PS148/54 AWSOME JPEGS ray traced jpeg 24bit images(7)
PS157 CORNCIRCLES Slide full of mysterious corncircles! +Y
PS160 STAR TREK DESIGN FILE layouts of Trek ships etc+Y
PS162 T2 SLIDE Handrawn pics of The Terminator!+Y
PS163/4 NIGHTBREED AGA VOL 4 super pics! (2) AGA ONLY
PS165/7 WORLDS BEYOND sci-fi on 3 disks(3)AGA ONLY Y
PS168/9 SEVEN SEAS Quality fantasy art. A MUST have!(2) +Y
PS171 KEITH RHODES SLIDE 2 superb fantasy! 1200 only Y

GAMES

PG021 ATIC ATAC Really playable game! + Y
PG023 BATTLEFORCE strategy war game!
PG026 CASTLE OF DOOM Excellent! Get it + Y
PG028 COLOSSUS & WORLD Fab adventures !+ Y
PG032 DRAGONS CAVE D&D style game Mega+ Y
PG046 HACK Great text adventure-infocom style! +Y
PG048 HOLY GRAIL One of the best Text adventures+ Y
PG062 MENTAL IMAGE 1 Gridrunner invaders & rebound+
PG063 MORIA Classic adventure now version 5.4! +Y
PG068 NO MANS LAND Hi tech war game-shoot em up. +
PG071 POM POM GUNNER Like beach-head on the 64+Y
PG079 SEALANCE A submarine strategy game +Y
PG101 THE INSIDERS CLUB Stocks & shares game
PG121 A500+ GAMES PACK 21 games to run on a plus+Y
PG124 TOTAL WAR This is a good risk type game! +
PG153 WAR very good strategy/arcade game+Y
PG174 AMOS CRICKET Shareware cricket game,1 or 2plr+
PG178 MENTAL IMAGE 2 Three Excellent new games +Y
PG183 CATACOOMBS great D&D style game. VG.GFX +Y
PG191 ACT OF WAR New space strategy game! +Y
PG202/3 IRON CLADS Good strategic war game!(2)Y
PG218/9 CLASH OF THE EMPIRES Super strategy!+ Y
PG255 KINGDOM AT WAR Nice strategy war game!+Y
PG258 AGA TETRIS 1200 tetris game & more! Y
PG260/1 18TH HOLE A nice golf game! (2) +Y
PG262 AGA CHESS Needs 4mg of ram to play! AGA ONLY.
PG301/2 MOTOROLA 020 INVADERS For 1200 ONLY!(2).
PG303 MAD FIGHTER Fab PD version !!1200 ONLY.
PG305/7 KLONDIKE II AGA Exellent,3 disks 1200 ONLY.
PG313 ROAD TO HELL Super driving race game!+Y
PG319 PROFESSIONAL BINGO Great , with speech+Y
PG325 MEGABALL 3 AGA The BEST version!!(1200 Only)
PG329/30 STARBASE 13 Graphic space adventure(2) +Y
PG333 ICERUNNER loderunner type platform!+ (Not 1200)
PG340 EARTH INVADER Nice space invaders clone! +Y
PG341 MUCUS Platform puzzle & a slideshow! +Y
PG342 DEPTHCHARGE Depth chargge the enemy subs!+Y
PG345 SICKBALL II Freaky ping pong game +Y
PG346 KISS THE CANVAS Control 2 huge boxer figures+Y
PG348 PARADROID Superb version for your Amiga!+Y
PG352 WAYNES WORLD PONG with samples 1mg+Y
PG353 YAHCTCY Great version of the game. +Y
PG354 TO THE DEATH Fantastic beat em up demo(2mg)Y
PG355 MEGABLOCK 2 Very nice Tetris game. +Y
PG357/8 ANT WARS nice lemmings game(1mg chip)+Y
PG359 ALIEN FRENZY Nice shoot up maze game +Y
PG360 RAISE THE TITANIC A nice 3d game! +Y
PG361 A DAY AT THE RACES Horseracing manager? +Y
PG362 INTREPID GAME Strategy game! +
PG363 SPITFIRE ASSAULT Shoot down the planes! +Y
PG364 GREEN 5 Commercial quality shareware game!+Y
PG365 DIGITAL ACID A vertical scroll shoot up! +Y
PG366 SENSIBLE MASSACRE Shoot the footballers! +
PG367 RELICS OF DELDRONEYE Preview of adventure!+Y
PG368 THE SHEPHERD Great shareware Populus style+Y
PG369 KNIGHTWOODE A nice graphic adventure! +Y
PG370 TOYBOX,KILLER TOMATOES & BOMBCLEAR! +Y
PG371 TEMPORAL MISPLACEMENT Adventure game.+Y

EDUCATION

PE001/5 EDUCATION SET science programs for age 11+ +Y
PE007/8 LEARN & PLAY Maths, spelling etc. 5-10 yrs +Y
PE010 TOTAL CONCEPTS ASTROMOMY Book on disk.+Y
PE011 TOTAL CONCEPTS DINOSAURS Book on a disk+Y
PE013 SIMON & SPACE MATHS Talking maths program
PE014 SPANISH, FRENCH, GERMAN TUTOR+ Not 600!
PE019 DUNKS DTP A sort of DeskTopPublisher for kids +Y
PE026 WW II FACTS Good historical program!+ Y
PE027 AMIGA BEGINNER Learn to use your machine+ Y
PE028 MATHS ADVENTURE Solve questions to progress+Y
PE030/2 DESKTOP GUIDE TO ELECTRONIC MUSIC!(3 +Y
PE034 WORLD GEOGRAPHY Quite useful disk! +Y
PE035 KIDS DISK1 Super to learn reading! +Y
PE040 HOW THE EARTH BEGAN The full story! +Y
PE041 SINGALONG NURSERY RHYMES Good fun! +Y
PE042 CHILDRENS FAVOURITES More nursery fun! +Y
PE046 TOTAL CONCEPTS DINOS 3 PREVIEW Super +Y
PE047 ASI BACK TO SKOOL1 Style Count & Words +Y
PE048 ASI BACK TO SKOOL2 Simon Cal maths train etc+Y
PE049 BACK TO SKOOL3 Treasure search,Reflex etc+Y
PE050 THE LITTLE TRAVELLER Learn about countries+Y
PE052 COMMUNICATE Superb sign language teacher! +Y
PE053 HIWAY CODE QUESTIONS & ANSWERS Useful +Y
PE055 JUNIOR MATHS Suitable for young children+Y
PE058 WORD FACTORY Learn to spell! +Y
PE062 ANIMAL LAND Superb early learning!+Y
PE063 DINOWARP A nice quiz on Dinosaurs! +Y
PE066 THE STATES OF EUROPE Super book on a disk+Y
PE067/8 DISCOVERY OF THE ATOM science book(2) +Y
PE071 FRENCH VERB TESTER Test your French! +Y
PE072 CALCULUS MATHS Mental arithmetic tester! +Y
PE073/4 KIDS DISK 3 A comic book for kids(2) +Y
PE075/6 TUTANKHAMUN Educational slideshow(2) +Y
PE077 GCSE MATHS A very useful program! +Y
PE078 A - Z Paint Nice program for the kids. +Y
PE080 ILLUSIONS Follow up to Artistix. +Y
PE081 VISIT TO MARS Educational slideshow! +Y

BUSINESS

PB001 AMICASH bank management program+Y
PB004 ASI LABEL PRINTERS 3 of the best+Y
PB005 BANKIN control your cheque book! +Y
PB006 BUSINESS CARD MAKER Nice program+
PB007 CLERK Complete accounts package+Y
PB008 DESKTOP PUBLISHER Simple to use +Y
PB009 FLEXYBASE simple database! +Y
PB011 MISC.BUSINESS Geotime, Grocery list, Calc
PB013 QED Simple & effective text ed+Y
PB014 RIM DATABASE Fully relational !!+Y
PB015 TEXTPLUS V3.00 The BEST Wordprocessor +Y
PB017 VISICALC SPREADSHEET Simple to use+Y
PB019 BUSINESS LETTERS contracts, letters + more+Y
PB020 TEXT ENGINE 4.1 THE LATEST Version !!! +Y
PB022 BBASE IIIv1.3 Latest version of super database+Y
PB023 FORMS REALLY UNLIMITED form creation prog+Y
PB024 LAST WILL & TESTAMENTS Just in case !+
PB026 AGRAPH Superb Program graphing data +Y
PB029 ADDRESS PRINT Good label printing program! +Y
PB030 THE MONEY PROGRAM Home accounting! +Y
PB034 ILLINOIS LABELS Super label program!+Y
PB035 BUDGET V1.34 manage personal finances!+
PB036 CHECKBOOK ACCOUNTANT V2.01 superb! +Y
PB037 AMIBASE PRO II Latest version of database! +Y
PB038 BUDDOBASE V1.2 Very nice easy to use database+Y
PB040 PAY ADVICE ANALYSER V4 Latest version! +Y
PB041 AMIGAWORD A useful geographical database!+Y
PB042 EASYCALC PLUS+ Improved, only dos 2 or over!+Y
PB043 ACCOUNT MASTER Home finance program. +Y
PB044 EDWORD PRO V4 Superb new version! +Y
PB045 FH SPREAD A nice spreadsheet program! +Y
PB046 PERSONAL DIARY Keep track of your life.+Y
PB047 ON FORM V1.1 Exellent invoice/order printer+Y
PB049 CHEQUE MATE! Check your financial heath! +Y
PB050 EPOCH Address book & Calender programs! +Y
PB051 KBE REMINDER Personal organizer/calender +Y

AMIGA MUSIC DISKS!

PM010 AMIGA PARTY WINNERS Four WICKED songs+ Y
PM016 BEATLES SONIX Nice music +Y
PM112 TECHOMANIA II 8 essential hardcore tunes+
PM122/4 PLAYSID 2 (3) You must get this !!!! +Y
PM125 PLAYSID inc.RobHubbard, ManiacsOfNoise + Y
PM155 VINE G-RAVE 5 more good rave tracks!!! +Y
PM167/8 JESUS ON ES Crazy rave music demo! +(2)
PM179 PLAYSID V2.2 More old 64 style music!(not1.3) +Y
PM200 DATA-X TRILOGY 3 raved up pieces! +Y
PM201 DATA-X THE VICTIM 6 more music tracks! +Y
PM203 BIO MECHANOID SYMPHONY NO 1 (1200only)
PM217 LEGALIZE IT 1 Great Amiga music disk! +Y
PM222 NEOPLASIA PHOBIA 5 fab music tracks+Y
PM223 ROB BAXTER'S METROLINK from Rob Baxter +Y
PM226 DATA X RENDITIONS More good rave music! +Y
PM227 DATA X EDGE OF DARKNESS 5 Jungle-core ! +Y
PM228 DATA X XMAS CRACKER Hardcore Carols?? +Y
PM229 WORM FOG Punk Heavy guitar music! +Y
PM230 MELODICALLY CORRECT Pleasant modules! +Y
PM231 RAVELENTH 3 well done rave tracks.+Y
PM232 MBC POING REMIX 10 Remixes of Rotterdam +Y
PM233 MBC RAY COKE SAMPLES disk of MTV team! +Y
PM234 MBC WIND IT UP Prodigy remix disk! +Y
PM235 MUSICALLY CHALLENGED trackered music. +Y
PM236 COLD FUNKY KILLER MK2 3 15 mins of techno!+Y
PM237 2UNLEMMINGTED : SINGLES flashy graphics! +Y
PM238 2UNLEMMINGTED : ALBUM Similar to above +Y
PM239 MOTIV 8 Five ravey tracks from the Beatmaster! +Y
PM240 SOUND COLLECTION 2 Some nice modules. +Y
PM241/2 TROOPER MODS 10 or so Octamed modules!(2)

ANIMATIONS

PA039 ERIC-S AMY VS WALKER Cute & sexy! 1.5M Y
PA040 ERIC-S BATMAN vs JOKER Very funny!!!+Y
PA042 ERIC-S COYOTE STRIKES BACK 1mg too! +
PA043 ERIC-S MORE AEROTOONS Very witty !!!+ Y
PA045 ERIC-S STEALTHY II Mig-29 vs Stealthy !+Y
PA053/4 LIGHT CYCLES (2) Tron animation+
PA065/68 REAL 3D (4) Superb of the program+
PA072 THE JUGGLER A classic amiga demo!+ Y
PA074 THE WALKER vs The Helicopter - Mega !+ Y
PA075 THE WALKER vs A2000 A classic ! + Y
PA086 FRACTAL ANIMATION full screen low fly anim+Y
PA091/3 GAS TURBINE, STEAM & PETROL ENGINE (3)+Y
PA094 AMY JOGS,WALKS & SNEEZES by E Schwartz! +Y
PA095 HOW TO RUN INTO A WALL by Eric Schwartz! +Y
PA101 DOLPHIN DREAMS Great Dolphin anim! + Y
PA103/4 KINGFISHER 2 Superb bird animations!+ Y
PA118 3 SCHWARTZ Skydive,Soft landing & bomber! +Y
PA119 STEAM ANIMATION V2.0 Now with sound! +Y
PA120 TWO STROKE PETROL ENGINE Super anim+Y
PA141 STIRLING II ENGINE Another fab engine anim!+Y
PA143 XMAS ANIMATION Amusing animation! +Y
PA149 SPAR TREK 6 Clever CD32 advert animation+Y
PA150 RAGING HORMONE Another funny anim.+Y
PA151 XWING ANIM Nice star wars animation.+Y
PA152 NATIONAL WEATHER Amusing little anim!+Y
PA154 DAFFY LOSES HIS HEAD Amusing animation! +Y
PA155 THE INCREDIBLE FLYING ZAMBINI BROTHERS!+Y
PA156 FLYING LESSONS An amusing cartoon animation!+Y
PA157 TWINGO A good Cartoonish French animation! +Y
PA158 CROWN JEWELS A queen on a galloping horse!+Y

POWER ANIMATIONS

PP001/2 ANTI LEMMINGS (2) This is Brilliant! 2M
PP003 AT THE MOVIES anim of Amy squirrel 1.5M+Y
PP004/7 AUTOMATED LIGHT (4) Battlestar galactica! 3M
PP008/10 BUZZED (3) Great anim of wasp crashing! 2M
PP011/12 DATING GAME (2) Very witty!, Get it. 3.5M!
PP016 GULF WAR Another ES production! Good 2M! Y
PP021/4 LANDING (4)Tobias Richter poweranim 4M!
PP025/27 STATION AT KHARN (3) Incredible 2M demo Y
PP036/7 WALKER DEMO (2) A 2mg version of a classic!
PP040/43 AT THE MOVIES II (4) Hilarious ! 1mg>3mg
PP044/45 AMY V WALKER II (2) witty ES demo 3M
PP046 SWEET REVENGE Coyote vsRoadrunner! 1.5mg+Y
PP050 UNSPORTING Wicked Schwartz cartoon+ 2M Y
PP051/2 CHARLY CAT Super Shwartzlike cartoon! 2mg.Y
PP053/4 CHARLY CAT AT THE BEACH 2nd anim 2mg!Y
PP057/9 CHARLY CAT CATCHES A CANARY Fab! 3MG.
PP060/3 CHARLY CAT MOUSTERMIND Great! 3.5MG.
PP064 DUNCAN DUNG BEETLE Unusual anim. 2mg
PP065/6 CHARLY CAT SNOWJOKE Latest anim 2mg.+ Y
PP067/9 SPEED LIMIT 3mg motorcycle race! + Y (3)
PP070/1 LEMMINGS REVENGE amusing anim! 2mg Y
PP074/6 G.I. SPY 3mg anim from charlie cat author! (3)
PP077/84 THE HAUNTED Tremendous animation,3mg!(8)
PP090/1 ROADHOG ANIM Very funny 2mg animation!(2)Y
PP099/100 AT THE FLIX Charlie cat again! (2) 2mg
PP101/4 QUALITY TIME Superb Shwartz 5mg anim (4)!
PP108/10 CHARLY CAT IN SICKNESS & HEALTH!(3)3mg!
PP111/2 BUGSBUNNY&SPACEMEN Action 2)2mgY
PP117/8 PRANK ON FURBALL Cat has a pizza! 2mg (2)
PP119 BAITMASKING Another fun Shwartz anim 2mg(2)Y
PP120/3 LAST STAND ON HOTH Fab space anim!(4)3mg
PP127/30 CHARLY CAT DANDRUFF DUO Amusing (4)3mg
PP131/2 ON THE GREEN Funny golf animation.3mg
PP133/5 CHARLY CAT AT XMAS Good, needs 3 mg!
PP136 ATTACK ANIM Great Gulf type animation!1.5mg Y
PP137/40 HEADING FOR HOME Raytraced space (4)3mg
PP141/4 MEAN MACHINE Console battle! MEGA (4)3.5mg

New Price!
Disks now only
99p
Throughout the Summer!!

DEMOS

PD068 PHENOMENA ENIGMA Absolutely brilliant! +Y
PD093 SCOOPEX CHROMIUM Superb demo.+Y
PD094 SCOOPEX MENTAL HANGOVER A classic+
PD130/34 ALCATRAZ ODDESSY Awesome!! Ok on 500+!
PD182 SPACEBALL Absolutely brill,needs 1meg chip!+Y
PD185/6 ANDROMEDA MIRROR Fab Music & Graphics!+Y
PD187 HOY AGA DEMO 1st 1200 demo,a must! 1200 ONLY
PD188 SANITY WORLD OF COMMODORE Super demo+Y
PD189/90 SILENTS DEMON DOWNLOAD Fab demo! (2) +Y
PD202 TECHNOLOGICAL DEATH Freaky techno rave +Y
PD206 MELON HOW TO SKIN A CAT Nice effects! +Y
PD215 FAIRLIGHT 242 Unusual & interesting demo! +Y
PD216/7 A TRIP TO DEEP BASS A must have rave demo!+Y
PD218 VIVID ABSTRAX PIG AGA Mega colourful1200 ONLY.
PD221 POINT OF SALE Best AGA yet!! 1200 ONLY
PD223/4 SPACEBALLS 9 FINGERS This is MEGA!!!(2) +Y
PD225 XANADU DEMO Superb colourful AGA only demo! Y
PD226 GROOVY by Lemon,super graphics demo! +Y
PD227 IMPACT NO LEM Super kaliedoscope effects.+Y
PD228 SILENTS SOZZLED SOMERSAULT Fab effects! +Y
PD233 PERSPEX HYPNOSIS dancing silhouettes AGA only!
PD235 AGATHA Nice effects & colours. 1200 only.
PD240 VOLCANO New AGA megademo. 1200 only
PD241 IT SMELLS LIKE CHANEL no5 Great! 1200 only!
PD243 FULL MOON AGA Nice demo 1200 only
PD244 BEYOND BELIEF AGA Nice music +pics1200 only
PD245 SANITY ARTE A Superb demo for all systems+Y
PD246 ABSTRACT SUBTLE SHADES Good demo!+Y
PD247 JESUS ON CHEESE DEMO Insane!!! 1.3 only.
PD248 FLYING COWS PRO SIAK Good needs fast mem+
PD249 KEFRENS INTERCHANGE Nice 1200 only
PD252/3 BIG TIME SENSUALITY A SUPERB Aga demo! (2) Y
PD256 EXODUS ON LAND A MUST have! 1.5mg chip+Y
PD257 ANDROMEDA SEQUENTIAL Nice crew demo! +Y
PD258 FATAL MORGANA Exellent with Beavis & Butthead! Y

CLASSICAL MUSIC

PM012 AMIGADEUS CLASSICAL Eine Kleiner etc. + Y
PM022/23 CLASSICAL MUSIC Bach, Handel etc +Y
PM035 DIGITAL DEBUSSY Fab R Baxter conversions!+Y
PM036 DIGITAL DEBUSSYII classic Debussy music!+ Y
PM070 RHAPSODY IN BLUE tracked by Rob Baxter! 1MY
PM082a/82b VIVALDI - FOUR SEASONS (2) V.Good !+ Y
PM090/91MOZART HORNCONCERTOS need 1mg chip+ Y
PM130/2 BACH BRANDENBURG CONCERTOS 1 to 6 +Y 3
PM150 DESKTOP HARPSICHORD RECITAL Classics! + Y
PM165/6 NUTCRACKER SUITE Super rendition!+
PM174 CLASSIC WORKS Grieg & Bach classics! +Y
PM175 SONIX MUSIC Some nice scores here!(loadwb)+Y
PM183 CLASSIX GOLD Bach Toccata& Fugue (1mg chip)
PM184 MOZART FLUTE CONCERTOS 1mg chip! +Y
PM218 HANDELS FIREWORKS MUSIC (1mg chip) +Y
PM220 SONGS FROM THE GUIDE Rob Baxter 1mgchip +Y

MUSIC UTILITIES

PT009 K1 IFF SAMPLES Fabulous samples +
PT011 KAWAI K1 editor for patch changes!
PT012 KAWAI K4 editor as above!
PT013 MED 3.2 Excellent music seq. + Y
PT015 MIDI DISK Various midi stuff +
PT020 ST-01 - ST-10 Samples--Ring for details
PT025/6/7/8 ST-90-93 SAMPLES Studio quality+ Y
PT031/2/3 ST-87 - 89 3 disks full !+Y
PT034/5 ST-97 & 98 More samples !+Y
PT038 YAMAHA DX100,TX81Z, DX27,DX11 & FB01 editors
PT040 OCTAMED V2 8 channel MED sequencer!+
PT041 NOISEPLAYER 4.0 Multitasking module player+
PT042 START IFF SAMPLES Superb ! Get this disk!+Y
PT043/5 HOUSE SAMPLES 3 disks full of house samples!
PT046 AUDIO MAGIC3 Super trackers disk, ok on 1200+Y
PT047 AUDIO MAGIC4 More Superb music programs! + Y
PT048/52 MODULES 5 disks of large music modules!+Y
PT053/57 METAL MODULES 5 disks heavy rock/metal! +Y
PT058/62 BREAK BEATS 5 disks of drum samples+Y
PT063/67 VOCALS 5 disks of super vocal samples!+Y
PT068/70 DRUMKITS 3 disks of high quality drums!+Y
PT071/73 KORG SAMPLES 3 disks of keyboard sounds+Y
PT074/76 PURE SAMPLES Lots of assorted samples!+Y
PT077 SAMPLE FACTORY Disk full of sound effects!+Y
PT078 CHIPMAN SAMPLES over 70 samples here!+Y
PT080 XI RAVE SAMPLES Bass & Drums! +Y
PT081 SAMPLEMAKER V3.1 Make samples. +Y
PT086 CHIPMAN SAMPLES II More samples! +Y
PT088 X-BEAT V1.1 Exellent drum machine program!+Y
PT089 AUDIO MAGIC5 Some new tracker programs.+Y
PT090 SOUND EFFECTS Animals,Military & Vehicles(3)+Y
PT093 OCTAMED TUTOR Very useful for learners! +Y
PT095 AUDIO MAGIC 6 FM synth,Quaddra & more! +Y
PT096/7 MT32 MIDIFILES for Roland MT32 module! (2) +Y
PT098/109 crammed with hundreds of midifiles! (12) +Y
PT110 ESSENTIAL SOUND FX 1 good sound effects +Y
PT111 ESSENTIAL SOUND FX 2 Lots more great effects! +Y
PT112 SOUND EFFECTS 88 effects on this disk(not iff)+Y

AMIGA UTILITIES DISKS

A-GENE Good geneology program + Y
A64 EMULATOR NEW VERSION 3.0 (2)
AMATEUR RADIO 1 Interest to radio hams + Y
ASI GRAFFIX UTILS graphics convertors etc+Y
ASI BOOT UTILITIES bootblock utilities + Y
C-LIGHT RAY TRACER Good program+ Y
CHEMESTHETICS molecule displayer + Y
D-COPY The best PD disk copier & more + Y
ELECTROCAD DEMO circuit designer +
GRAPHICS UTILITIES Various misc. programs+Y
HAMLAB PRO V2.08Convert VGA PC >IFF/HAM + Y
HARDDRIVE UTILS MRBackup & FixDisk & more+Y
ICONMANIA Program icons & more !+ Y
ICONS Cramm packed with icons !+ Y
IMPLODER V4.0 Megacrunching Util+ Y
JAZZBENCH Alternative Wb for 1.2/3 users.
JR COMM 1.02 Modem users comms package Y
KING JAMES BIBLE Old&New testaments (4)+ Y
M-CAD Hires design package. Excellent + Y
MESSY-SID 2 Read/Write PC Files, Brilliant!+ Y
MORSE PROGRAMS for the radio hams. Y
NORTH C 1.3 (2) Complete C compiler & libs+ Y
NORTH C 1.3 This is the packed 1 disk version!+Y
PRINT STUDIO V1.25 Prints pics & text etc.+ Y
ROT A simple 3D drawing package.Very popular.+Y
(2 disk) Structured clipart for Ppage + Y
SOMETHING FOR NOTHIN Video Utils&Fonts+ Y
ST EMULATOR Run Atari ST software !! 2 Drives
TV GRAPHICS Dpaint backdrops&Fonts+(2) Y
ULTIMATE ICONS Iconmaster,Iconlab,+ Y
ULTRAPAINT v3 A nice paint package!
VIDEO APPLICATIONS Video utilities+ Y
GRAPHICS CONVERTERS PC>AMiga gfx Converter
OPTIUTILS 1 Crammed full ! Get it+ Y
OPTIUTILS 2 Get this disk too ! + Y
ELECTRONIC PROTOTYPER Veroboard designer Y
CLIPART SET: 15 Disks of the BEST clipart +Y
MULTI-PLOT Superb data plotting program ! +
RICHARD SMEDLEY COMP Vat Checker & more.
STOCK ANALYST Technical analysis program+Y
TRONIK VIRUS KILLERS 21 virus killers & docsY
LANDBUILDER fractal land generator+Y
SID 2 Get this ! directory util !!! MEGA!+Y
VIDEO WIPES Masks & fades Dpaint 3/4 +Y
CYCLOPS Weird Plasma/fractal creator ! +Y

PU203 SCOPE 184 utils & clips for Ppage Y
PU204 GATOR GRAPHICS Dpaint tutorial disk.+
PU205 PC TASK PC Emulator Now Version 2 VGA! +Y
PU208 ASI HANDYTOOLS 3 mega compilation of utils Y
PU209 FRED FISH CATALOGUE contains FISH 1 - 890 +Y
PU210 PCQ PASCAL Latest version of this pascal compiler+
PU221-225 8 COLOR ICONS Hundreds of new icons +Y
PU229 JPEG 24 bit graphics compression util disk! +Y
PU230 MORE PRINTER DRIVERS new printer drivers!+Y
PU240 FREECOPY V1.4 powerful disk copying program!+Y
PU245/256 C MANUAL Latest version on 12 disks! (12) +Y
PU272 GOLF RECORDER Database for golf scores!+ Y
PU274 TRONICAD V1.36 Electronic circuit design!+Y
PU279 V MORPH V2.30 Yes a PD morphing prog!!+ Y
PU282 ASI MULTIVISION 2 Imagelab,Wasp & more,super+Y
PU285 WORKBENCH 3 BACKGROUNDS. 1200 ONLY
PU287 NUMPAD Numeric keypad emulation!(600 ONLY)
PU288 ENGINEERS KIT Test your Amiga system! +Y
PU291 1200 WORKBENCH HACKS Useful utils! Y
PU292 1200 UTILS1 Gif & PCX datatypes etc!A must!Y
PU293/317 25 disks of Ham radio software! (25)+Y
PU330 SLEEPLESS NIGHTS Utils useful for 1200!Y
PU348 SPEED UTILS Fixdisk Headclean Snoop & more!+Y
PU349 NCOMM V3.00 The latest version comms disk! +Y
PU351 ASI FIX DISK Get old programs running on dos2/3+Y
PU352 HP 550C & Cannon Bubblejet printer drivers! +Y
PU355 SUPERDARK Superb & unusual screen blanker! +Y
PU357 CANON PRINT STUDIO A must for BJ owners! +Y
PU358 PPAGE TEMPLATES,GENIES etc. Very useful!+Y
PU359 PRO PAGE HELP DISK Extremely useful disk!+Y
PU360 WINDBLEND Super effects but 1200 only! Y
PU361 XPK COMPRESSION UTILS compression progs!Y
PU369 TV TITLES DEMO Shareware Titling program! +Y
PU372/3 PARNET SOFTWARE Link 2 Amigas! (2)+Y
PU374 1200 UTILS 3 More new 1200 utilities!+Y
PU381 SPECTRUM EMULATOR V1.7 Works ALL Amigas! +Y
PU384 THE GENEOLOGIST Superb Family database! +Y
PU387 REORG A good disk & Harddisk optimiser! +Y
PU388 1200 HD PREP For all 1200 owners! Y
PU389 HD CLICK The latest version! +Y
PU393 ASI FIX DISK 2 Second exellent fix disk! +Y
PU394 GRINDER V1.0 Picture file converter! +Y
PU396 BAD FORMAT Make unusable disks work! +Y
PU420 PARNET CDTV BOOT DISK For networking +Y
PU421 ASI DISK-HELPER 1 Disksalv2,Dcopy 3.1 etc+Y

PU423 MULTIVISION 3 More super graphics utils+Y
PU425 MAGIC WORKBENCH Unpacks 8 colour icons+Y
PU426 LOCKPICK2 Unprotects many programs.+Y
PU427 ASI DISK HELPER 2 More useful utilities+Y
PU430 GARDEN DESIGNER Design your garden.+Y
PU432 BLACKBOARD Image processing program+Y
PU433/4 TWIN EXPRESS Amiga-PC comms linkup (2).+Y
PU440/5 IMAGINE OBJECTS & JPEG TEXTURES(6)+Y
PU446 CRUNCHERS PACK 30 different crunchers!+Y
PU447 ASI MULTIVISION 4 Minimorph, agalab & more! +Y
PU449/50 DICE V2.5 C COMPILER for programmers (2 Disks)+Y
PU457 ASI VIDEO TITLERS Super video set. +Y
PU458 ASI WORKBENCH 2/3 UTILS Very useful.+Y
PU459 JPEG DATATYPES For Workbench 3 (1200 only)
PU460 ASI VIRUS KILLERS Virus Z & much much more+Y
PU461 ASI MULTIVISION AGA Superb, for 1200 only!
[illegible] V1 Super PCB designer! +Y
[illegible] Exellent video borders+fonts+Y
[illegible] brushes,pictures &anims(2)+Y
[illegible] Hires backgrounds(2)+Y
[illegible] How too make your own.+Y
[illegible] adventure games! +Y
[illegible] Loads of icons! +Y
[illegible] pattern program! +Y
[illegible] package (2) +Y
[illegible] Very good. +Y
[illegible] for hard drive etc!+Y
[illegible] the hidden images? +Y
[illegible] screenblanker. +Y
[illegible] A 256 colour icon editor Y
[illegible] MANAGER For Citizen printers!+Y
[illegible] (Shareware) Make videoclips! Y
[illegible] DATA for the above program! (4) Y
[illegible] Archive all of your disks! +Y
[illegible] those stange hidden pics!+Y
[illegible] OBJECTS Yes 13 disks full!(13) +Y
[illegible] installation for CD32-Amiga link+Y
[illegible] card tricks with your computer+Y
[illegible] colour icons of Football teams! +Y
[illegible] Wb 3 backdrops(1200 ONLY)

LSD LEGAL TOOLS DISKS 1-149 in stock, packed with every utility imaginable! Catalogue disk Available!

ANY ASSASSINS SET of 30 only 24.99 inc p&p. for deals on larger quantities please ring!

ASSASSINS GAMES PACKS

The best selection of PD games ever assembled anywhere now all autoboot on A1200! (though not all games will run)Something for everyone!

ASI 87 Aztec Challenge,Jonas Pallstrand & Landmines+
ASI 88 Defender, Relayer & Mosaic! +Y
ASI 89 Megaball 2.1, X fire and Cluedo!+Y
ASI 90 Flashbier, Startans & Minefield! +Y
ASI 91 Roton, Matrix & Spectrum! +Y
ASI 92 Bill, Oblidos, & Solitaire Sampler! +Y
ASI 93 Smash bang wallop, Mr Munk & Alied bash!+
ASI 94 Super skoda challenge,Merchamoid & Giddy! +
ASI 95 Premier pics,Tangle,Bop & Flop etc+
ASI 96 Dungeon Flipper,Backgammon rasterbike+
ASI 97 Bunnyblast,Mutants from Mars, etc!+Y
ASI 98 Skychase The Phone company & Nestor cards +Y
ASI 99 Gribit, Paranormot, Space Wars & Org! +Y
ASI 100 Bloodrunner, Patience & Monaco! +Y
ASI 101 Meltdown, Paragon Boomerang & Rothello! +Y
ASI 102 Fruit Salad, Rebound & Pacsim! +Y
ASI 103 The Lost Occrest, Wacky wabbit etc!+Y
ASI 104 Wooden Ball, Operation meteor etc !+Y
ASI 105 Particle man,Rummy & Desert defender! +Y
ASI 106 Simon,Cosmoroids II Willy worm etc+Y
ASI 107 Serene III, 4 row 3d Equalog & Yacht C ! +Y
ASI 108 Strikeball, Ringwar, Four in a row & Obsess! +Y
ASI 109 Psyco blast,King high, Thrallbound+Y
ASI 110 Space rescue Tiles Zerg & Huskeroo! +Y
ASI 111 Karate worm II, Stax & Billy Dragon. +Y
ASI 112 Thanderion II Aliens Tron & Step 2! +Y
ASI 113 White rabbits pre,Trek trivia & Popeye!!! +Y
ASI 114 International Cricket pre,Insectoids II etc +Y
ASI 115 Star trek shoot up,Egyptian run Slime line etc+Y
ASI 116 Blue Diamonds4 Tsch & Sorry! +Y
ASI 117 AirWarrior, Triple Yachtzee & Youpi! +Y
ASI 118 Zombies, Armymines 14 & The last Tetris! +Y
ASI 119 Robouldix, Speed cards & Trik trax +Y
ASI 120 Firstblaster, Super blockout & Trax.. +Y
ASI 121 Chainsaw massacre, Brainbow & Worm.+Y
ASI 122 Boulderdash collection,Project Buzz XenonIII+Y
ASI 123 Artilleros II, Lamerbug & Yahtzee.+Y
ASI 124 Mr & Mrs, Elevation II & Haser backgammon! +Y
ASI 125 Namegame, Marbleslide & Snake! +Y
ASI 126 Short out, Kynaston Kid & Dodge ems! +Y
ASI 127 Shanghai 93, Lazer Zone & Oxo! +Y
ASI 128 Space Invasion,Deluxe pacman1.4 etc +Y
ASI 129 Boulderdash royal Trax & Trax map editor.+Y
ASI 132 Firefly, Quantum & Pac mac.+Y
ASI 133 2nyx, Proker & Syzygy. ++Y
ASI 134 Cross circuit, Pwuff & Circuit wars! +Y
ASI 135 Gammon 1.3,Ack-Ack, Pipeline3 & Tetris! +Y
ASI 136 Hot Blox, Super pong & Sailbark.+Y
ASI 137 Blockster, Escapade & Squigs! +Y
ASI 138 Galactoid, Scorched Tanks & Air hockey! +
ASI 139 The Big game Bat dog & Amiganoid. +Y
ASI 140 Fatal Mission II,Chronic hedgehog Megaworm+Y
ASI 141 Black dawn, Reversi II & Gold Rusher! +Y
ASI 142 Rueda, Galaxy 93 & Courtroom! +Y
ASI 143 Intense, Xatoms & Pontoon (cards). +Y
ASI 144 Brain shave,Nibbly nibble,Rejection & Cube.+Y
ASI 145 Puzzword, Kung Fu Charlie & Super Pong! +Y
ASI 146 Entity,Battle cars II,Amastermind & solitaire+Y
ASI 147 Backgammon Deluxe,Tuts Tomb,Mancala etc +Y
ASI 148 Pollymorf,Nostalgiam & Megamind! +Y
ASI 149 Glodrick, Web2 & Eric watch your step! +Y
ASI 150 D-Solve, Dot to dot, & Tactik tank. +Y
ASI 151 Krillian Incident,Caffeine free & Zyrad. +Y
ASI 152 Klawz,Dictator 2 & Big will & Sticky Troll+Y
ASI 153 Exit 13 & Beetle game! +Y
ASI 154 Wackman, Bobs Garden & Kaboom. +Y
ASI 155 Megblock, Digger & Crazy clock. +Y
ASI 156 Darts,Quackers & Karate Champ.+Y
ASI 157 Fatal Mission 1.1, & Strikes n Spares.+Y
ASI 158 Scrabble, Toado & V-Chess III. +Y
ASI 159 Driving Maniacs, Smidge & Colour Change.+Y
ASI 160 Professional Bingo & Electrex. +Y
ASI 161 Galadria, Space Invaders II & Saffron dream.+Y
ASI 162 Sports Challenge, Moria & USA 94 +Y
ASI 163 Exellent Cards,Harp,Plait & Queens (card games)+Y
ASI 164 Atax & Dry game. +Y
ASI 165 Depthcharge,Toobz & Interface robots. +Y
ASI 166 Confusion, Fleuch II & Hyperdrive. +Y
ASI 167 Mega Squad, Zardoz & Rags to Riches.+Y
ASI 168 Minerunner, Dreibs,Parcheese & Dynamite Warr.+Y
ASI 169 Peebee, Turbo Hockey & Brain Damage.+Y
ASI 170 Wipeout & Cognition. +Y
ASI 171 Galaga Deluxe, Xmastime & Amosteroids.+Y
ASI 172 Scorched Tanks v1.15, Dozer demo & Isolation.+Y
ASI 173 Ork Attack, Taskforce & Pop Quiz+Y
ASI 174 Metograsp, Statix & Kaselago. +Y
ASI 175 Matrix Blaster, Ultimate quiz & Dotz.+Y
ASI 176 Sports Challenge & Incinerator! +Y
ASI 177 Gorf, Chequers Conquest & Mucus! +Y
ASI 178 Cookie & 3D Oxo! +Y
ASI 180 Scorched Tanks v1.75, Crystal Caverns etc!+Y
ASI 181 Mutant Penguin, Infiltrate & Rox.+Y
ASI 182 Sokoban, Darts & Colonial Conquest!+Y
ASI 183 Operation Firestorm, Quasi & Imperial!+Y
ASI 184 Tans n Stuff, Picture puzzle & 16 puzzle.+Y
ASI 185 Metal Motion, Fatal Mission III & Wobble.+Y
ASI 186 Jellyquest, Seahaven Tower & Quizone. +Y
ASI 187 Snackman, Thunderstorm & Secret of Arcturus+Y
ASI 188 Tricky, Fortress & Ping Pong+Y
ASI 189 Ultraball, Godzilla & Amigawars +Y
ASI 190 Gravity Force II, Blaster & Dogfight+Y
ASI 191 The Turn, Stewards Enquiry & Black Nebula+Y
ASI 192 Peg it, Les Dennis Hangman & Push Button Switch+
ASI 193 Alien Network Olympus, Super Tomcat Flip over +Y
ASI 194 Automobiles, Courli & Robot Rebellion +Y
ASI 195 Deluxe Galaga II, Jigsaw & Brain +Y
ASI 196 Shoot out, Sole Defender & Street Speed +Y
ASI 197 Pipeliner, Cubik & Overlander +Y
ASI 198 Scots football manager,Viper & Push!+Y
ASI 199 Mastermind, Defender & Popcorn +Y
ASI 200 Pub darts, Battleships & Caverunner update +Y
ASI 201 Hydrozone, Dizzy lizzy & Orb-II +Y
ASI 202 ST bash, Toy box & The race. +Y

All Assassins games disks in stock , full list on Cat disk!

A full UPD catalogue disk is available , please send 3 1st class stamps for immediate despatch. PU209 contains the full listing of 1000 Fred fish disks & the LSD cat contains full listings of LSD Legal tools 1-149. SPECIAL OFFER! All 3 catalogue disks for 2pounds inc P&P!

NBS

CUI, 1CHAIN LANE, NEWPORT
I.W. PO30 5QA
TEL: 0983 529 594
FAX: 0983 821 599

VALLY PD

CUI, PO BOX 15, PETERLEE
CO. DURHAM SR8 1NZ
TEL:091 587 1195
FAX:091 587 1195

BLITTERCHIPS

CUI, CLIFFE HOUSE, PRIMROSE
STREET ,KEIGHLEY, BD21 4NN.
TEL: 0535 667 469
FAX: 0535 667 469

ACTIVE SOFTWARE

Associate Company of N.A.U.G.

Dept CU4, P.O. Box 151, Darlington, County Durham, DL3 8YT
Tel/Fax : (0325) 352260 Mon to Sat : 9am - 9pm

Public Domain Prices

Public Domain Prices		Disk Pack Prices	
All Public Domain	99p	1 Disk Pack	£0.99
Postage on all orders	50p	2 Disks Pack	£1.99
Catalogue Disk	50p	3 Disks Pack	£2.99
		4 Disks Pack	£3.99
		5 Disks Pack	£4.99
		6 Disks Pack	£5.99

Buy 10 Disks Choose 1 Free - Buy 20 Disks Choose 2 Free

Latest Utilities

U076 WB3 HD INSTALL DISK [WB3]
Prep, format and install WB to your Hard Drive.
U230 TOOLS DAEMON v2.1 [WB2 +]
Adds Tools to your Workbench menu.
U239 RE-ORG v3.11 [WB2 +]
Re-organise your disks/hard disk and speed up access. Very popular utility.
U273 CROSS DOS PLUS v5.06 [WB2 +]
Read PC disks on your Amiga, transfer files and even run PC DOS programs!
U279 KICKSTART v1.4 [WB2 +]
Downgrade your Amiga to Workbench v1.3 Get those games/old programs working!
U289 AGA SCREEN BLANKER v1.01
A screen blanker created for AGA machines.
U302 VIEWTEK v2.01 [WB2 +]
Viewtek can show many picture formats including JPEG and the AGA screen modes.
U305 ADDRESS PRINT v4.0 [WB2 +]
The most powerful PD label address printer tool for the Amiga.
U309 HD GAMES INSTALLER
Install games to your Hard Drive. Installers for Goal, Superfrog, Body Blows and more.
U316 DMS PRO v2.02 [WB2 +]
Crunch disks into Amiga DOS files. Crunch two disks onto one! The tool the magazines use.
U317 ACTION REPLAY PRO [AGA]
Action Replay for the A1200/A4000.
U319 SID PRO v2.01A [WB2 +]
The greatest PD File Manager. Copy, move, delete, rename and uncrunched files.
U325 EDWORD PRO v4.1 [1MB] [WB2 +]
The ultimate PD Word Processor/Text Editor.
U326 TEXT PLUS PRO v5.01 [2MB][WB2+]
Another PD Word Processor. This rivals Pro Text.
U328 SUPER DUPER v3.1 [WB2+][WB2+]
An easy to use, multitasking PD disk copier.
U336 EPOCH MASTER V [WB2+]
Address, telephone manager and to-do organiser.
U341 VIDEO TRACKER DATA DISKS [4D]
Collection of data disks for use with Videotracker.
U352 MAGIC WB v1.2P [WB2+]
The latest version of the 8-colour icon replacer.
U353 X-PASSWORD [WB2 +]
Prevent un-authorized use of your Amiga and drives.
U355 STEREOSCOPE v2.4A [WB2 +]
Stereoscope is an RDS generator. Create the 3D hidden pictures as seen in stores such as 'Athena'.
U357 CD32>CDROM GAMES
Make the games on magazine CD's work on CDTV/A570 and other Amiga CD devices.
U359 TELETEXT v1.20 [WB2 +]
Create a teletext receiver with your Amiga. Including diagrams for hardware construction.
U361 KIDS DTP v2.6
Excellent DTP program for Kids.
U362 KIDS DTP EXTRAS
Some bits and pieces for use in Kids DTP.
U363 XPK COMPRESSION v2.5 [WB2 +]
Expand your Hard Drive capacity with this program.
U370 ASSIGNS MANAGER [WB2 +]
No need to use CLI any more. There are two programs on this disk that make assigning programs and utilities easy.
U371 PC RESTORE v2.50 [WB2 +]
Restore PC back-up files onto your Amiga. An additional tool for all PC and Amiga owners.
U375 MAGIC MENU v1.9 [WB2 +]
Allows floating tool menus on your Amiga.
U376 POWERCACHE v37.115 [WB2 +]
Speed up your Hard Drive access with this cache program. Versions for 00, 020, 030, and 040 CPUs
U379 DESKTOP MAGIC v2.0 [WB2 +]
This program allows you to assign sounds to Workbench functions like mouse clicking etc. It is also an excellent screen blanker.
U380 DISK CATALOGUER v2.7
Catalogue your disks and the disk contents.
U381 VARK'S CLI UTILITIES v5
Even more useful utilities packed onto one disk.
U383 VIRUS WORKSHOP v3.90 [WB2 +]
An excellent and powerful Virus Checker/Killer. This was released in late July 1994.
U384 EAGLE PLAYER v1.5 [WB2+]
Plays many different Amiga modules.
U385 MOSAIC v1.2 [WB2 +]
Access the World Wide Webb with this program. You need Multi User Interface to use this utility.
U393 TERM v4.0 [WB2 +][3 Disks]
APD modem communication program. Some users prefer this to N-Comm. Many features.
U394 TERM v4.0 030 [WB2 +][3 Disks]
The 030 processor version of TERM.
U395 MAGIC WB EXTRAS [WB2 +][2D]
Two disks full of extra icons for Magic Workbench, and a demo version of Magic Workbench v2.0.
U397 SECURITY v3.71e [WB2 +]
Prevent unauthorised access to your Amiga and it's drives. Ideal for modem users!
U398 AMIGA FAX Demo v1.40 [WB2 +]
A demo version of an Amiga fax program.
U399 FORECASTER v2.01b [WB2 +]
Forecast the results for the pools coupon.
U400 VIDEOTRACKER v1.42 [WB2 +]
Create self-running demos with this democreater. AGA and non-AGA versions on this disk.
U401 SPECTRUM EMULATOR v2.0
Play Spectrum games on your Amiga. Versions for 00, 020 and 030 processors.
U402 HD CLICK v2.7 [WB2 +]
Access programs with an easy to use menu.
U403 DISK MAG CREATOR v1.2
Create your own disk magazine!
U405 M.U.I. v2.2 [WB2 +]
Magic User Interface: Create G.U.I.'s.
U406 GBLANKER v3.3A [WB2 +]
Superb screen blanker. The best available in PD.
U407 GBLANKER v3.3A 030 [WB2 +]
030 version of the Screen Blanker.
U408 DISK SALV v2.31 [WB2 +]
NEW version of the most popular and well used PD program. This is a file repairer, undeleter.
EPU DISK STAKKER v1.62 [WB2 +]
Double your hard drive capacity and save yourself ££££'s!

Latest Demos

D055	Spaceballs "State of the Art"
D067	A1200 "Point of Sale" Demo AGA
D082	Last Stand on Hoth Animation [4D]
D088	Madonna SEX Digi-Pics [3 disks]
D091	Mean Machine CD Anim [4D][4MB]
D093	Smells like Channel No.5 AGA
D095	Spaceballs "9 Fingers" [2 Disks]
D099	Complex "Origin" AGA [2 Disks]
D100	Virtual Dreams "Full Moon" AGA
D101	Noxious "Beyond Belief" AGA
D102	Xanadu "Explicit 2" AGA
D103	Team Hoi "AGA III" [AGA][3D]
D104	Rednex "Empty Head" AGA
D105	Silents "Snozzled Sommersault"
D106	Vivid "Abstract Pig" AGA
D108	Sceptic "Agatha" AGA
D109	Investation "Ray World" AGA [3D]
D112	Axis "Big Time..."AGA [2D]
D113	Kefrens "Interchange" AGA
D114	Lymex "Wind it up"
D115	Mystic "Vital" AGA
D116	Polka Bros. "Friday at 8" AGA
D117	Perspex "Hypnosis" AGA [2 Disks]
D118	Nova "Sorry" AGA
D119	Andromeda "Mirror" [2 Disks]
D120	Small is Beautiful Demo Comp. [2D]
D122	Complex "Real" AGA - Brilliant!
D125	Ram Jam "Taste the..." AGA [2D]
D126	Andromeda "Sequential"
D127	Oxygene "Cuzco"
D128	Mina Omistan AGA
D129	Talent "QED 2" AGA [2D]
D130	Virtual Dreams "Love" AGA [2D]
D131	TRSI "Viktoria" Music Disk [2D]
D132	Absolute "Cream" AGA
D133	Steller "Mindflow" AGA
D134	Ram Jam "It Can't ..." AGA[2D]
D135	Polka Bros. "Ariel Ultra" AGA
D136	Polka Bros. "Gevlis" - 88% Sept CU!

MORE DEMOS EXPECTED IN EARLY SEPT. - CALL US FOR THE VERY LATEST DEMOS!

CALL FOR INFORMATION ON THE NATIONAL AMIGA USERS GROUP

Games

GM02	Classic Games Pack 2 [5D]
GM06	Amigoids
GM09	U-Chess v2.04 [AGA] [4MB]
GM11	Megaball AGA
GM12	Scorched Tanks v1.00
GM22	Missiles over Xeron [2D]
GM23	Madfighters AGA
GM24	Deluxe Galaga v1.5
GM27	Mr Men Olympics [2d]
GM28	18 Hole Golf [2D]
GM29	Super Prix
GM40	Game Boyz Games Collection
GM41	Tetris Dual [AGA]
GM42	Super Obliteration
GM43	Moose Drive
GM45	Road to Hell [1.5MB]
GM46	Tanks 'n' Stuff
GM52	Overlander
GM54	Superleague 4 Demo
GM55	Bacman [AGA]
GM56	Kung Fu Charlies
GM57	F1 Manager
GM58	Act of War v1.4
GM59	Hyperdrive
GM60	Bazza and Runt AGA
GM61	Klondike II AGA [3D]

Other Bits

Bodyshop 6A AGA [2D]
Bodyshop 7 AGA [2D]
Cindy Crawford "The Works" AGA [3D]
Elle McPherson "The Works" AGA [3D]
Girls, Girls, Girls AGA [3D]
Claudia Schiffer "The Works" AGA [3D]
21 Disks of Spectrum Games - call
Assassins Games 1-200
Scalable Clipart 50 Disks
CG and Type 1 Fonts - 26 Disks
Grapevine 20 [3D]
Deadlock 9 - Now In!
Ecstatic Tunes vol.1 [2D]
Ecstatic Tunes vol.2 [2D]
- a collection of superb new modules!

PROFESSIONAL DISK PACKS

Excellent VALUE

An Introduction

These disk packs were designed and compiled by the National Amiga Users Group to bring together the very best in PD. The disks in the packs are as full as possible, use (as far as possible) the latest versions and all the programs are appropriate to their collection, with documentation.

Some of the packs, like the Hard Drive Tools, come with extra information. Such as how to install software to your hard drive, general hard drive/computer maintenance, for example.

Call us for further information. Or send for the Pack Information.

So why buy these packs?

- The packs contain the very best PD from the group library an Aminet.
- They are very cheap. Why buy one disk for £3 from certain other PD companies when you can buy a pack for the same price containing 3 disks of excellent PD?
- All the disks are as full as possible with the latest PD.
- All the programs in the packs will be of use.
- All the packs can be *UPDATED* at a very low price.
- These packs are very popular at computer shows where we can demonstrate the quality and usefulness of the contents and the value of the compilations.

MOST USEFUL UTILITIES v2

This pack contains utilities to improve your worrkbench in terms of speed, usability and looks. Do you want your Workbench to look like the pictures in Amiga magazines? Well, now you can! Contains,

Tools Daemon v2.1
Magic Workbench Icons
GBlanker v3.30 Screen Blanker
Magic Menu v1.9
ARQ
Magic File Requester
and many others!

2 Disks
WB2+

HARD DRIVE TOOLS v2

A three disk collection containing the very best hard disk tools. We have scoured our library, other hard disk compilations and the Aminet to bring you clickable menus, backup programs, file managers, disk lockers, installers and much much more. An essential purchase for all hard disk users.

HD Click v2.60
ABackup v4.06
Superlock
HD Installer v1.04
AF Copy v3.53
MR Backup Pro
HD Mem v1.04
ARestaure v2.03
and many others!

3 Disks
WB2+

FILE MANAGERS

It is easy to loose track of your files or to copy a program to the wrong directory! No need to use the CLI, these programs make file copying, organising and deletion easy!

Filer v3.4
MTool v2 v1.62
AF Copy v3.53
File Master v2
ABC Dir v3
DIR Work
and others!

3 Disks
WB2+

DISK UTILITIES v2

This is an essential pack for all Amiga owners. Disk copiers, repairers, crunchers, organisers, file management and more.

Here are some of the tools in the pack,

Disk Salv v2.28
Re-Org v2.3
Super Duper v3.1
Filemaster II
Disk Mate v4
Fix Disk v1.2
PP MiniCrunch v1.2
No Errors v1.3
and many others!

2 Disks
WB2+

ENGINEERS TOOLKIT

A collection of diagnosis utilities which will examine and test your Amiga and it's ports Very comprehensive fault testers.

Also in this collection are tools to repair certain faults.

An all in one Repair Toolbox!

2 Disks
WB2+

CRUNCH MANIA

When compiling disks one important tool is the file cruncher, in order to improve disk space. This disk has them all: Crunch files, floppy disks and even expand your hard disk.

DMS Pro v2.02
LHA Tools
PP Minicrunch v1.2
EPU HD Stakker v1.4
PackIt v1.18
and others!

cRUNCH

2 Disks
WB2+

MUSIC CREATORS

Construct songs, sample sounds or just learn about music. As well as Octamed etc this pack contains information and details on how to make your own sound sampler!

With Hardware Diagrams and Instructions!

Octamed v2
SuperSound v2
Protracker v3.15
Sound Samples

3 Disks
WB2+

VIRUS EXTERMINATORS v2

We should always be on the guard for new or old computerviruses. This pack contains the very latest in virus killers. They will hide in the background or stay resident in the foreground, checking your memory and disks when inserted. A must!

Virus Checker v6.41
Boot X v5.23B
with Latest v2.17 Brain File
Virus Workshopp v3.90
Virus Z II v1.09

2 Disks
WB2+

COPIERS UNLIMITED

A collection of the finest PD disk copiers for the Amiga. All the best are here, including.

Super Duper v3.1
SAFE II
DCopy v3.1
Tetra Copy
M Copy v1.4
and others!

2 Disks
WB2+

ORDERING DETAILS

WB2+	Works on Workbench 2 or 3 Only
WB3	Works on Workbench 3 Only
AGA	For AGA Machines Only
[1MB]	Minimum Memory Needed
[2D]	Number of Disks

Outsice UK but in E.E.C. add 10% to Total
Rest of the World add 20% to Total

Make all Cheques or Postal Orders payable to,

ACTIVE SOFTWARE

Essential Aminet Compilations

The Essential Aminet compilations are a collection of the best bits and pieces from the Aminet in the particular month. Superb stuff guaranteed! Prices the same as normal PD.

Essential Aminet Vol.2 June '94 [2 Disks] [WB2+]
Utilities, guides, text, icons and other things from June

Essential Aminet Vol.3 June '94 [3 Disks] [WB2+]
More bits and pieces, this time from July. Includes CD32 Bits, July's Amiga Reports and a selection of modules that appeared in the modules chart during July. Plus many new utilities.

Essential Aminet Vol.4 June '94 [3 Disks] [WB2+]
Due for release on the 6th of September this compilation will include new uploads to the Aminet during August.

Zappo A1200 CD Player

Play CD32 Games on your A1200 right now!

- Double Speed, Multi Session CD Rom
- Photo CD Compatible
- Plays CD32 Software and Standard Music CD's
- Connects to PCMCIA Socket Leaving Expansion Port Free
- Access all PD CD Disks
- Access any ISO 9660 PC CD's

only £183.99

Add £3 for 2/3 Day Delivery - Add £8 for Next Day Delivery

AMIGA CD'S

These CD's can be used with the CDTV, A570, CD32, A1200CD, Zappo/Overdrive CD Player and other CD drives for the A4000, A2000 or A3000 etc.

AMINET III £17.99
The latest Aminet CD contains Aminet uploads from the last few months. Utilities, pictures, modules, samples and loads more!!

Professional CD £17.99
New! 2,881 Adobe Type 1, 188 CG, 1,369 True Type Fonts (over 32MB) and PCX, GIF, EPS, TIFF Clipart (over 162MB).
Many other fonts etc. CD works on Amiga and PC computers. This CD is a CD for everybody's collection!

CDPD IV £17.99
The latest in the range of CDPD Disks. Contains Fish to 1000, TBAG collection, AM/FM collection and much much more....

AMOS CD £17.99
The entire official AMOS library (upto 621), 1600 Amos source code files, 100 Sprite Banks, 250 Ctext Banks, 350 Music Banks, 800 Samples, Extensions and a whole host more....

Clipart CD Bargain! £8.99
Over 550MB's of Clipart for the Amiga and PC in B&W IFF, Bitmap, Coloured IFF, Proclips, EPS, IMG, Corel Draw etc.

Assassins Games £17.99
This disk contains ALL Assassin's Games from 1-200. All games run from a simple and easy to use menu system.

High Quality Sound Samples

Here is a collection of High Quality Sound Samples. An ideal addition to your recent Octamed coverdisk. "Very high quality .... a recommended buy for the musically minded computer user", Amiga Computing August 1994. Note that these samples have not appeared on any CD!

SD001	Alarms 1
SD002	Bass 1
SD003	Bass 2
SD004	Breaking 1
SD005	Cartoons 1
SD006	Cartoons 2
SD007	Drums and Snares 1
SD008	Effects 1
SD009	Effects 2
SD010	Effects 3
SD011	Effects 4
SD012	Effects 5
SD013	Guitars 1
SD014	Human 1
SD015	Keyboards 1
SD016	Keyboards 2
SD017	Keyboards 3
SD018	Keyboards 4
SD019	Keyboards 5
SD020	Keyboards 6
SD021	Loops 1
SD022	Loops 2
SD023	Loops 3
SD024	Loops 4
SD025	Percussion 1
SD026	Percussion 2
SD027	Percussion 3
SD028	Percussion 4
SD029	Pianos 1
SD030	Pianos 2
SD031	Strings 1
SD032	Strings 2
SD033	Strings 3
SD034	Strings 4
SD035	Synths 1
SD036	Synths 2
SD037	Synths 3
SD038	Synths 4
SD039	Synths 5
SD040	Synths 6
SD041	Synths 7
SD042	Synths 8
SD043	Synths 9
SD044	Vocals, Voices 1
SD045	Vocals, Voices 2
SD046	Vocals, Voices 3
SD047	Vocals, Voices 4
SD048	Vocals, Voices 5
SD049	Vocals, Voices 6
SD050	Warning Sounds

PD UTILITIES

André Digard suffers from slipped disks. He slips at least 100 of 'em into his Amiga every month!

SOUND MACHINE

Sample Converter

Sound Machine converts PC WAV and VOC sound sample files into Amiga IFF files. It also converts from IFF back to WAV and VOC. The controls are minimal, just a few buttons to specify the format and sample rate, and a play button so that you can check the sample. Nothing outstanding, no bells, no whistles, but it works, and it's fast.

It may not be much use to the every Amiga user, but it's very useful for programmers. What might be of interest to you though, are the samples included on the disk. These are just great when used with *OctaMED*. There are all sorts of odds and ends including a very silly mix of John Cleese and Clint Eastwood.

Available from: Valley PD, PO Box 15, Peterlee, Co Durham SR8 1NZ. Tel: 091 5871195. Price: 99p plus 50p P+P.

80%

FINAL WRAPPER

Final Writer Macros

If you were one of those people who, like myself, spent ages deciding whether to buy *Wordworth 3* or *Final Writer*, and eventually settled on the latter, then this program is for you. Digita, *Wordworth*'s creators, hyped the program's Text Effects engine and its ability to wrap text into circles and spirals, and more beside. Now *Final Writer* users can do the same thing, thanks to this ingenious set of macros.

Let's make a big admission first. These effects are bordering on the useless. They'll probably get used a couple of times and then be completely forgotten (ask any *Wordworth* user). However, this little package is so well programmed that it deserves attention. What's more, the other macros on this disk are very useful. There's one which will centre an object in the middle of the page, another to expand objects to fill the page, another to roll your text on a sine wave, and there's also the wonderful SizeNOblique. To use the latter, you set your largest size and/or oblique character at one end of your text, the smallest at the other, highlight them and select this script. The macro then scales each character in the text from largest to smallest, or vice versa. Neat. In short, if you bought *Final Writer* then buy *Final Wrapper*. It's great fun. It may even prove useful one day.

Available from: Scribble PD, 2 Hillside Cottages, Burstall, Suffolk IP8 3DY. Tel: 0473 652588. Price: £1 plus 75p P+P.

96%

URBAN SHAKEDOWN SAMPLES

sound samples

You want top sound samples? Look no further! These are from Urban Shakedown's extensive sample vaults, and show just how good your Amiga can sound – big beefy bottom ends, bright sparkling top ends, and virtually no noise or hiss. The six-disk collection is geared towards dance music, and includes breakbeats, basses, vocals, stabs, chords, rhythm loops and drums. For an idea of what can be done with them, check out the Some Justice 94 AGA demo (reviewed in this issue's PD Scene), and keep an ear out for the new Urban Shakedown release on PWL records this month. Highly recommended.

Available from: NBS, 1 Chain Lane, Newport, Isle of Wight, PO30 5QA. Price: £9.95 + 50p P+P.

90%

TEXT ENGINE 4.1

Word Processor

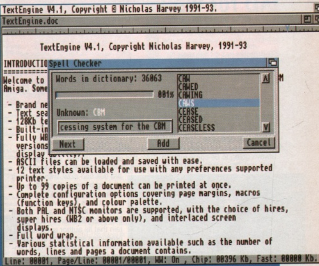
This could be just the ticket If you don't already have a word processor. *Text Engine* is no competition for *Final Writer*, but it works well enough. As the name suggests, there are no facilities for graphics, and even the text features are limited – no what-you-see-is-what-you-get here.

However, it's an elegantly designed little program, ideal for knocking out the occasional letter. There's a competent 36,000 word spelling checker, which, although a bit on the small side, is big enough for most modest tasks. The text formatting is quite adequate, allowing you to produce all of the standard effects available from cheap dot matrix printers. It doesn't cater for different fonts; only the standard bold, underline, enlarged, italic etc. There's a simple find and replace option, and reasonable cut and paste features. It's got everything a beginner would need.

If you're a new user, or strapped for cash, *Text Engine* should suit you down to the ground. It's well programmed, easy to use and simple enough that even a total novice could be bashing away within minutes.

Available from: Cynostic, Office O1, New Enterprise Centre, Little Heath Ind.Est., Old Church Road, Coventry CV6 7NB. Tel: 0203 6816 87. Price: £2 including P+P.

90%



```
TextEngine V4.1, Copyright © Nicholas Harvey 1991-93.
TextEngine.doc

          TextEngine V4.1, Copyright Nicholas Harvey, 1991-93

INTRODUCTIO
===========
Welcome to                                                    M
Amiga. Some

 - Brand ne
 - Text sea
 - 128Kb te
 - Built-in
 - Fully WB
   versions
   display
 - ASCII files can be loaded and saved with ease.
 - 12 text styles available for use with any preferences supported
   printer.
 - Up to 99 copies of a document can be printed at once.
 - Complete configuration options covering page margins, macros
   (function keys), and colour palette.
 - Both PAL and NTSC monitors are supported, with the choice of hires,
   super hires (WB2 or above only), and interlaced screen
   displays.
 - Full word wrap.
 - Various statistical information available such as the number of
   words, lines and pages a document contains.
Line: 00001, Page/Line: 00001/00001, WW: On , Chip: 00396 Kb, Fast: 00000 Kb.
```

```
Words in dictionary: 36063
001%
Unknown: CBM
cessing system for the CBM

CAW
CAWED
CAWING
CAWS
CEASE
CEASED
CEASELESS
```

»

FLICK

Animation Player

Another animation player? You mean we don't have enough already? Ah, but this one's not your usual animation player – that's what they all say. For once, though, it's true. *Flick* plays PC .FLI animations and nothing else. Not much cop you may think, and for the most part you would be right. PC animations tend not to be up to the quality of Amiga animations. It's not that the PC isn't capable (though even a fast 486 isn't as good as an Amiga 1200), it's just that the craze is about three years behind on the PC. The author makes a big point of his chunky to planar routines, which seem fast enough. But why go to all of the trouble of writing viciously fast routines to convert PC screens to Amiga ones, and then leave out a save option? An interesting curiosity of a program.

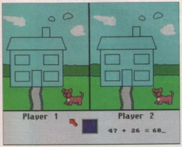
Available from: Magnetic Fields, PO Box 118, Preston, Lancashire PR2 2AW. Tel: 0772 881190. Price: £1.50 plus £1 P+P per order.

70%

TWO CAN PLAY

Education

There's some great educational software around, like *Kids Disk*, but there's always going to be some rubbish. Take this one for example. The screens have very little colour, and the whole thing looks very amateur. The games are dull and slow, with pointless clicking between turns. The author should take a long hard look at *Kids Disk*, which outclasses *Two Can Play* in almost every respect, as I'm quite certain that its author is capable of producing something equally good. As it stands, I simply cannot recommend this disk.



Available from: F1 Licenceware, 31 Wellington Road, Exeter, Devon EX2 9DU. Tel: 0392 493580. Price: £3.99 including P+P.

10%

KIDS DISK #1

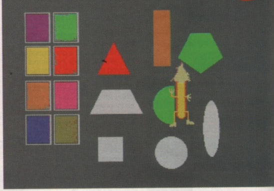
Educational

Wow! Excuse me, I think that's my jaw down there by your foot. You might guess that this is something good. You're absolutely spot on. This is a quantum leap towards educational software that really works. It's just a little 'colour the alphabet' program, with a few other bits and pieces thrown in for good measure but the presentation is simply superb.

It's fun to play and would best suit four to six year olds, though younger children may still get something out of it. For older children, or even adults, there is a lesson on binary. For programmers there is a painting package to learn from. If you have pre-school children, get this disk. If you program educational software, this disk is also must. The programmer, Duncan Moran, deserves great success. I wish him peace, and many children.

Available from: Roberta Smith DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Tel: 081 455 1626. Disk No. BU170. Price: 90p plus 50p P+P.

95%



VIRUS WORKSHOP 3.8

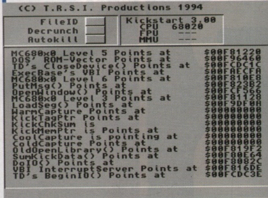
Virus Killer

This has to be the most comprehensive virus killer I have ever seen. The number of options is fantastic. If you're lucky enough to have never had a virus, then here's a quick explanation. A virus is a program that copies itself from disk to disk. Depending on the type of virus, the consequences could be system crashes, erased disks, corrupted files and so on.

Virus Workshop is a very thorough system, and unlike most virus killers it will even check a hard disk. Beginners could find it very difficult to use, but if you know your Amiga, it's well worth getting hold of.

Available from: Cynostic, Office O1, New Enterprise Centre, Little Heath Ind.Est., Old Church Road, Coventry CV6 7NB. Tel: 0203 6816 87. Price: £2 including P+P.

85%



```
(C) T.R.S.I. Productions 1994

     FileID          Kickstart 3.00
   Decrunch            CPU   68020
   Autokill            FPU   ---
                       MMU   ---

MC680x0 Level 5 Points at              $00F81220
DOS' ROM-Vector Points at              $00F96460
TD's CloseDevice() Points at           $00FCDC1C
ExecBase's VBI Points at               $00FAECFA
MC680x0 Level 6 Points at              $00F810E8
PutMsg() Points at                     $00F823B2
OpenWindow() Points at                 $00FCF566
MC680x0 Level 3 Points at              $00F81128
LoadSeg() Points at                    $00F9DF0A
WarmCapture Points at                  $00000000
KickTagPtr Points at                   $00000000
KickChkSum is                          $00000000
KickMemPtr is Points at                $00000000
CoolCapture is pointing at             $00000000
ColdCapture Points at                  $00000000
OldOpenLibrary() Points at             $00F819F2
SumKickData() Points at                $00F80E64
DoIO() Points at                       $00F8082C
VBI InterruptServer Points at          $00F816DE
TD's BeginIO() Points at               $00FCDC3E
```

IVE STAR

ITY PD & SHAREWARE : WE STOCK OVER 4000+ DISKS

titles are compatible with all
Amigas (Unless stated)

We only use top quality blank disks &
all disks come with printed labels
guaranteed 100 virus & error free

all PD & ShareWare only
99p
per disk

PRICE & HOW TO ORDER

TO ORDER ...JUST WRITE THE DISK CODE & TITLES + ENCLOSE THE CORRECT PAYMENT. DON'T FORGET YOUR NAME & ADDRESS. YOUR ORDER WILL BE DESPATCHED ON THE DAY WE RECEIVE YOUR ORDER

PD Prices.........99p per disk

please add 70p for postage per order (UK)
latest catalogue disk please add 70p

MAKE P.O. or Cheque payable to: FIVE STAR PD send to:
(Europe add 25p per disk P&P)
(Worldwide add 50p per disk P&P)

FIVE STAR
(Dept CU19)
48 Nemesia
Amington
Tamworth
B77 4EL
ENGLAND
Tel: 0827 68496
We open 7 days a week
& all orders same day despatch

also stock FRED-FISH 1-890 *T-BAGS 1-57 *L.S.D. docS 1-46 *SCOPES 1-220 *ASSASSIN 1-150 *GlamourS etc.

UTILITIES

program helps you trace your famaly tree
STEM TESTER C.L.I. base tester
NER Good labels designer
WORKSHOP (2 discs) Data base compilation
D.T.P Desk top publishing for the Amiga
PROFESSIONAL Very easy and powerful disk

(4 disks) Teach you how to program C
S LETTER ready type business letter
ANIMATE Tool to paint and animate
v4
PRO II reagrded the best & easy to use
Easier to use than D Paint
Make your Amiga speach more human
4.0 Make more programs fit on one disk
TOOL (3) Lot of video titler and programs
CRACK TOOLS Large collection disk sup-

(2) Good pascal language (not A1200)
read/write PC/MAC etc files
NUS very easy to use menu program
COLLECTION II A64, PC, Mac, PC Task,
1.3 only)
V1.8 Copy some commercial games
ICE. Our best seller yet. Collection of the
database and spreadsheet
VIDEO 1&2 Video tool (titler)
VENTURE GAMES creator(2 disks)
Latest in modem software & cruncher
GENERATOR Create lovely space

The best & latest music writer program
COMPILATION Three very good data-

E 1-14 (WB2/3) Collection of useful
A600,A1200 only
STUDIO Improve print out text or graphic
PLICATION (2 disks) Video titler utilities.
CLICK (2disks) Utilities and Menu system

PROFESSIONAL The latest and regarded
copiers
ICON +C CREATOR TOOL (4 disks) Pack
creator program
PAGES Excellent disk magazine creator
GRAPHIC TUTOR Get the most out of your
1200)
TOOL make the most of your printer
II + ABACKUP Regarded two of the best
backup and salvage
BBC A/B EMULATOR Fully emulate the BBC

CODE IN C (2 disks) Teach you how to code
code)
REPLAY (V1.5 or v4) Our best seller to date,
4 is for A1200 other Amiga use v1.5)
T 2 Remove copy protection & provide cheats
games. Recommended
PAIR KIT 2 repair, slavage and copy disk
LATOR V2.11 (1200 only) 256 colour VGA
CRACK TOOL 2 Latest copying tools
AL 3 (12 disks) This is the big one, the latest
ideal for learning C
MAKER 2 (2 Meg) (not A500 1.3)
Improve your workbench envirement
GINES V4.1 the latest with 36,000 word
Totally recomended
V3 (new) Claculate star/sun position & star
ccurate to 38 minutes.
PROTECTOR protect any text
NAGER V3 catalgue file on your disk
EMULATOR (new) games availble soon
TER V2 horse racing prediction game
COPIER Collection of 9 copiers
DUPER III very fast copier
ION CONSTRUCTION KIT V1.2 +
V2 + CreateTerminator 2 effect
TOOLS 2L (new) horse racing prediction
CAD create curcuit boards, few examples
sampler & modem etc.
MER V4 For even more games cheat
v5 PROFESSIONAL the best wordprocess-

PLAYER Lets you play CD while in WB
1.7 latest in disk magazine creators
V3 font + brilliant IFF font viewer
+ sheet available yet with tons of features
max 92583 cell available
SETUP WB (disks)
CABLE MAKER INSTRUCTION
T 529 different game cheats
NUAL tutorial on AREXX
STER V3 menu program with password
EMULATOR (A500+600 ONLY) min. 1.5 meg
KER It makes awards easy 200+ included
PROFESSIONAL V3.2 (WORKBENCH 2/3 ONLY)
A500 emulator (NEW)
CREATE AUTOBOOT DISK self explanatory
DISK MAKER 3 create auto boot disk. Ideal com-
recommended
MANIA 93 & Biomorphs
DESIGNER design GARDEN with shrubs, trees,
3D
V2 new latest version
draw colour cycling effect
R 3 - 11 disk repair program
TALOGUE (not A500 1.3) catalogue all your

CHECKER TOOL many system tester util
KER (not A500 1.3) EPU will double the storage
HARD DRIVE & DISK DRIVE
installer (complete) connect any 2 Amiga/cdiv
Parnet cables)
electronic. The latest circuit board designer, easy
circuit
DRIVER Contains over 150 printer drivers for all

1.2 & 3 (3 DISKS) Hundreds of stunning WB2 or

1.4 (not A500 1.3) new A500 emulator
RECEIVER (build a teletext receiver)

GAMES

G096 POPEYE LCD C64 classic conversion
G112 CUBULUS Puzze games based on a RUBIK CUBE
G222 MEGA 21 GAMES collection of 21 game packs
G235 DRAGON CAVE The best animated 3D puzzle game ever. Very similar to Dungeon and Dragon type games.
G237 SCRABBLE high quality board games conversion. Up tp 4 player or play with computer(not A1200)
G256 INSIDER CLUB buy/sell stock exchange games. Share objectives of the games is making money
G272 TANK BATTLE Brilliant 2 player game
G274 MR DUG Arcade conversion (few years back)
G329 MADONNA NUDE PUZZLES 15 puzzles (jigsaw game)
G330 TOP SECRET Brilliant platform games similaar to OCEAN RAINBOW AND PARASOL (not A1200)
G333 CYBER NETIC regarded the best defender type games with all usual powerup .Recomended
G334 DONKEY KONG Rescue your girlfriend (not A1200)
G335 CRAZY SUE 2 cute platform games. Brilliant graphics
G356 WONDERLAND brilliant Mario Brothers games clone
G362 DELUXE PACMAN Still the best Pacman ever released
G366 BINGO CALLER Amaze your gran with this fully speech bingo caller
G373 AIR ACE II Very playable ZENON 3 shoot games
G389 CASINO GAMES Lots of casino type games
G390 TETREN tetrix clone (90% mark in AMIGA FORMAT)
G393 BUBBLE GHOST Game boy conversion and very playable
G400 FIGHTING WARRIOR PD version of Street Fighter 2 amazing large graphic & is it £23.99 cheaper
G410 FATAL MISSION Nemesis clone with 1 or 2 player
G417 FIVE STAR 22 PUZZLE PACK Amazing collection of 22 puzzle type games, our top seller
G422 SERENE 3 similar to the commercial game ZENON
G435 ROULETTE the best casino roulette simulation yet
G438 TRAINBLAZER conversion of the C64 classic game
G441 E TYPE 2 the best asteroid clone ever
G443 OLYMPIAD DISK (2 disks) Sport even with Lemmings with the star (very good)
G460 WIBBLE WORLD GIDDY Brilliant platform game with very large & cute graphics similar to the dizzy series
G470 BALL LIGHTING 1 or 2 player multi level platform
G490 MEGA BALL 2 new and highly playable breakout
G500 TRANSPLANT voted the best game of 93, brilliant E-Type clone but much better, loads of powerup & level
G502 DRAGON FIRE Excellent graphics (A500 only)
G519 LABYRINTH II Very good text only adventure
G520 FATAL MISSION 2 (new see G410)
G521 FRUIT SALAD VG Collect/ platform type games
G530 MAD FIGHTER (A1200 only) Supberb street fighter 2 clone with very large well animated charicters
G531 OPERATION FIRE STORM detailed graphic platform games with lots of action/shooting element. Brilliant
G532 AGA KLONDIKE (A1200 only) (3 disks) the best card games yet & each card has different glamour girls pic
G535 BLACK DAWN the best RGP games yet similar to HIRES GUN, very highly rated in most Amiga magazines.
G540 ORK ATTACKVery bloody shooting games with large and detailed graphics
G545 KUNG FU CHARLIES Very cute & playable Kung Fu games with platform
G560 IMPERIAL WALKER Take control of an X Wing fighter in this 3D game
G567 STAR BASE 13 (2 disks) Brilliant graphics Epic adventure like Monke Island 2. Recommended
G568 MONACO Fast furious racing games
G569 SUPERIX Birds eye view Formula 1 racing games
G525 GRAND PRIX MANAGER 93 Very good management type gam, use point & click system. Good
G526 MENTAL IMAGE 1 contains 3 games
G527 MENTAL IMAGE 2 contains 3 games
G528 MICRO MARKET well presented stock market games
G529 SKID MARK extremely realistic & very playable 4x4 of road racing games
G534 CASTLE KUMQUAT Very good overhead (like Alien Breed) games puzzle with lot of inter connect level
G542 ROAD TO HELL Brilliant 1 or 2 player overhead view car racing games with engine upgrade option etc
G544 SUPERTOM CAT New vertical shhotem up games
G546 RAID 4 more refined vertical shhot em up
G657 AMOS LOADSA MONEY another very good fruit machine simulation with exceptional large reel
G659 SLAM BALL Manage your own futuristic team
G660 L.C.D. DREAM Straight conversion of 4 LCD games including Octupus, Parachute, Fire Attack, Oil Panic
G661 POP QUIZ Answer by click on A, B or C box.
More games compilations see the ASSASSIN collection
G662 JELLY QUEST 3D colouring games similar to q bert
G664 NEIGHBOUR GAMES (2 DISKS) graphic adventure
G667 GOLF (2 DISKS) One of the first PD GOLF games
G668 AMOS CRICKET 2 New Amos cricket simulator, very playable if you like this sort of game
G669 MUGSYS REVENGE gangster graphics adventure
G670 ESCAPE FROM DOOM animated graphic adventure
G671 DUNGEON FLIPPER This is the first & only Pin Ball
G672 JIGSAW (2 DISKS) jigsaw games
G673 "BOBBY" GARDEN + DIGGER (NEW) 2 digger type
G674 HIGH OCTANE (NEW FASTER VERSION) not A500 1.3
G675 TIME RUNNER III very similar to the FLASHBACK

FIVE STAR SOFTWARE
FREE DISK
CU
BUY 10+ PD DISKS AND GET 1 FREE
Please cut and return this token for 1 free disk with 10 or more title orders. (Offer only applies with this token)

EDUCATION

E001 KIDS PAINT Paint package designed for kids
E002 COLOUR KIT Colour book for kids
E003 TREASURE SEARCH Find the hidden treasure
E004 LEARN & PLAY1(not A1200) Maths & games
E005 LEARN & PLAY II for kids (order together)
E006 SPANISH TRANSLATOR (English to Spanish)
E008 MR MEN (A500 only) Story adventure
E009 ASTRONOMY tutorial on solar, star system
E010 SIMON & SPACE MATHS Maths & Simon Games
E011 EDUCATION PACK 1(5 disks) Lots of education programs range from Maths to games. We recomend you buy this collection
E019 DINOSAURS Explains what is a dinosaur
E021 STORY LAND II Interact puzzle game with 4 worlds to visit & solve (buy it...recomended)
E022 LANGUAGE TUTOR 4 languages
E023 TALKING COLOURING BOOK Very good Art/Paint package that talks
E024 EASY SPELL II Improve on their spelling.
E026 WORDS Canm help you solve crosswords
E027 OSWALD Large catoon game kids will love
E31 IQ TEST + IQ GAMES great to test your IQ
E33 +KEYCLICK II Good typing tutor
E35 CHESS HELPER chess tutor program
E38 AMIGA TUTORIAL explains about AMIGA
E39 COMPUTER CARE
E40 GUIDE TO LOWER BACK PAIN Tutorial on the spine and how to avoid back pain
E42 +FRACTION & SYLQUEST 2 good maths programs
E44 STEAM ENGINE V2 Cut away animation of steam engine
E45 PETROL ENGINE Cut away animation of petrol engine
E46 GAS TURBINE ENGINE Cut away animation of gas turbine engine
E54 DEMOLITION MISSION Simple game for kids destroy buildings
E57 APPLE CATCHER Good graphics easy to play
E58 CROSS MAZE & CRYPTOKING
E59 VERB QUIZ Testing you and your child on the word and it related
E61 KING JAMES BIBLE (4 disks) A complete bible on 4 disks fully menu driven
E70 +MATHS DRILLS Help kids improve maths etc.
E071 +ERROR INFO gives you info on error guru messages
E074 +AMIGA BEGINNER GUIDE
E075 +WORLD WAR 2 2nd world war with maps/pics
E076 SCIENCE (4 disks) Excellent mix of physics, chemistry and science programs, recommended
E080 KID PRIX New paint package especially for kids
E081 ASTRONOMY Plot sun location, find star, solar position etc.
E090 KID D.T.P. Easy desktop publishing for kids
E092 SING ALONG RHYMES Jack & Jill very good
E094 HIGHWAY CODE TUTOR - QUESTION 7 ANSWER Teach you all the highway code signs
E096 READ AND LEARN with 3 little piggy story
E097 BACK TO SCHOOL 1,2, & 3 (3 disks) lots of games and educational programs for kids. Reccomended
E100 LITTLE TRAVELLER info on world wide places
E101 WORLD GEOGRAPHY map of the world & Britain
E103 DISCOVERY OF THE ATOM (2 disks) tutorial
E104 DESKTOP GUIDE TO MUSIC (3 disks) Massive tutorial guide to making music. Recommended
E107 TRUMPTY FIREWORK ALPHABET Very entertaining way to teach your child the alphabet. Fully animated
E109 MR MEN OLYMPIC (2 disks) Large Mr men character as stars even for this Olympics.Recommended
E110 CULT TV DATABSE (2 disks) info on early films
E115 ELECTRONIC WORLDS (3 disks) new K.James bibles
E116 HOW THE EARTH BEGAN info on the big bang
E117 PAINT BOX DEMO kid's paint program
E118 WORRKBENCH 2 Tutorial (user guide)
E119 DINO WAR Quiz on dinosaurs
E120 JUNIOR MATHS with very colourful graphics
E121 PICTURE PUZZLE Fancy a game of JIGSAW
E122 WORD FACTORY Brilliant, spelling type games
E123 KID DISK 1 best education program includes COLOUR THE ALPHABET 2, Paint etc.
E124 KID DISK 2 more high quality education
E125 JURASSIC PARK must for all dinosaur fans
E126 CHILDREN'S SONGS 2 - 5 excellent children's songs
E127 MING SHU (A500 only) Chinese Astrology
E128 ASTRO 22 PRO V3 latest astrology program
E129 KID DISK 3 (DTP) (follow up Kid Disk 1& 2)
E130 FRENCH VERB TESTER - helps you with French
E131 CULT TV DATABASE II (2 DISKS)
E132 PHOTOGRAPHY - the Darkroom Brilliant demonstration, how to develop (photo) film. Recommended
More education software in catalogue disk

18+DEMOS

0001 +Showering Girl 5 (A)
0003 +Bodytalk (2) (A)
0006 +Viz Calender 1990 (A)
0007 +NIGHTBREED (A)
0009 +Maria Whitaker (A)
0024 +Sabrina Special (A)
0025 +Die Filkinger
0026 +Madonna Early Days
0028 +Kathy Lloyd
0030 +Mega Maid* (A)
0031 +Calender Girls (A)
0032 +Mayfair (A)
0033 +Utopia (4)
0045 +Girl Of Sport (A)
0049 +Page 3 Girl (A)
0070 +Gon Gon Girls
0071 +Tina Small (A)

100 DEMOS PACK

NEW just release brand new collection of 100 demo must for all DEMO lover destin to be No1 seller ONLY £8.00
SUITABLE FOR ANY AMIGA

DEMOS

D011 MUTITASKING demo of what is multi tasking
D016 DEAD DANCE THRASH good dance music based demo
D050 PINK FLOYD THE WALL (6 disks) Massive music demo lasts a long time (requires 2 disk drives)
D091 STAR WARS DEMO (2 disks and A500 only) Super Star Wars demo lots of X-wing animation
D107 ODDYSEE (5 disks & A500 only) Incredible 40 min space epic journey movies. Recommended
D118 STAR TREK MEGA DEMO A (A500,A1200)
D120 1911 VOYAGE Brilliant demo lot of fill vector
D152 THE ELECTRIC TOUCH Multi scroll vector touch
D174 ACID MIX 5 brilliant acid tracks
D261 FRONTIER Incredible Elite 2 demo animation
D251 MANGA WORLD Brilliant Manga slideshow
D252 JAPANESE LANG Learn how to speak Japanese
D253 SUNTEAM GG ESWAT Eswat games
D254 AKIRA DEMO Akira manga demo
D255 TROOP JUGERNORT 1 Story & games
D256 MANGA WORLD 2 More manga slide show
D257 SUNTEAM QUIZ Quiz
D258 MAKE IT SO EASY Guess

A1200 ONLY

AGA001 EXTENSION DEMO Stunning demo with fast landscape anim and a rotating city, received 90% in CU
AGA002 FRACTAL GENERATOR (NEW) Create stunning fractals in 256 colour
AGA003 WORBENCH HACK Loads of hack/toy/blanker etc.
AGA006 NEW SUPERKILLER Know & kill 316 types of virus, well recommended
AGA007 MIND WARP one of the very first demos for the A1200
AGA011 SLEEPLESS NIGHTS 3
AGA012 PLANET GROOVE release by Team Hoi
AGA013 MOTOR INVADER 2 (2 disks) Very playable INVADER clone set. Recommended
AGA015 POINT OF SCALE Stunning vector demo came direct from France
AGA016 CHROMA Good demo
AGA017 WORLD OF MANGA AGA (4 disks) Load of cute Manga chic slideshow in stunning 256 colour
AGA021 MAGIC WORKBENCH Improve the look & add extra command to your workbench (HD required)
AGA023 U-CHESS the best chess program so far, stunning graphics but requires 4 megabytes
AGA024 WORKBENCH 3 SCREEN Great back drop for A1200 (not for beginners)
AGA41 GIF BEAUTIES VOL 1-10 Available ech disk auto-boot & contain loads of stunning pics of raunchy women. Note fully compatible with any Amiga
AGA062 BODY SHOP VOL 1-7 Available (2 disks each) See description above (A1200 only) & order with volume number (2 disks per volume)
AGA080 FIT CHECK VOL (1-5 Available 2 disks each) see description above (A1200 only)
AGA90 ASSASSIN FIX DISK 1 brilliant collection of degrade utilities for running non-compatible software, we recommend you get these 2 diks now
AGA91 ASSASSIN DISK 2 (new) latest contained more degrade utility (see above) Recommended
AGA94 RELOKIT V1.4 latest run A500 SOFTWARE
AGA97 A1200 UTIL - AGA TESTER SYSINFO etc.
AGA98 ACTION REPLAY V4 Complete ACTION REPLAY on disk
AGA99 MADFIGHTER 2 brilliant street fighter clones
AGA100 AGA BLITZ SCREEN BLANKER
AGA101 FAST GIFF 2 display GIFF pic in Workbench
AGA102 AGA DIAGNOSTIC - NEWsystem tester
AGA103 BLACK BOARD AGA decent image processor
AGA104 REND 24 Similar to above
AGA105 QUICK GRAB AGA - can grab AGA screen
AGA110 WORLD BEYOND 1 (3) stunning 250 COLOUR fantasy art, leaves Atari users breathless
AGA114 SMELL LIKE CHANEL NO 5 brilliant demo
AGA121 MAGIC FACTORY (1-5) STAR TREK stunning 256 colour raytrace startreks, brilliant
AGA133 AGA UTIL V1 AGA util compilation
AGA134 AGA UTIL V2 more AGA util compilation
AGA135 AGA UTIL V3 more of the above
AGA136 AGA UTIL V4 even more of above
AGA137 IMAGE PROCESSOR IFF picture processor
AGA138 MULTIBOOT - 4 various versions A500 EMU
AGA139 WB3 HARD DISK PREF & INSTALLER installing WB3/perfect the hard disk
AGA140 CROSS DOS PLUS V5.1 read/write PC files
SEE GAMES, UTIL, ETC. FOR MORE A1200 SOFTWARE

ANIMATION

A013 SPACE PROBE search for alien lifeform
A022 LUXO TEENAGES Incredible ray-traced animation
A072 LIFE'S A BITCH (18+) We all know life's a bitch
A179 THE LIVING WORLD SLIDESHOW
A187 PERILS OF THE DEEP (2 disks) Incredible slide show of very big sea creatures
A193 NEMISIS COMIC Animated comic set in space
A215 MADONNA 3 (3 disks) Madonna fans, get this, a must !
A231 ALIENS The best Alien slideshow & demo
A293 MANGA COMIC Cute, chic & robot slide
A302 CAT SLIDESHOW For all cat lovers
A336 FAST CAR (Not A1200) expensive car slide show

MUSIC

M001 BEASTY BOYS Good, We Want Some Pussy songs
M002 MICHAEL JAKSON Brilliant song of 'BAD'
M005 +100 C64 TUNES 100 C64 games music
M072 +MADONNA songs from the hanky panky album
M076 POPEYE meet the Beast Boy, very good
M156 +CD PLAYER Simulate a CD player
M160 +I AM TOO SEXY (2 disks) full song
M194 JESUS ONE'S (2 disks) super music disk
M262 A-Z TUNES (4 disks) hundreds of C64 games music

NEW

ZX SPECTRUM 48k V2

& 50 original Speccy games Packs

NEW RELEASE SPECTRUM EMULATOR V2 IS AN SUPGRADE TO VERSION 1.7 with this version you can fully programe in spectrum basic or machine code just like the real speccy computer. this version also lets you load your own spectruk program via a soundsampler & save direct to disk. THIS PACK COME WITH OVER 50 BRILLIANT ORIGINAL SPECCY GAMES eg. ELITE, WHEELIE, SKOOL DAZE, FINDER KEEPER 3, GLIDERRIDER, GYRON, ECT TO MAY TO LIST

STILL ONLY £4.99 (ALL AMIGA) OR
SPECTRUM +50 GAMES PKS1 ONLY £4.99
SPECTRUM +100 GAMES PKS2 ONLY £7.99
SPECTRUM +200 GAMES PKS3 ONLY £12.99

NOTE: all pack above contained the new spectrum em v2+, all pack above contained top quality spectrum games + you can order more than one pack as (GAREENTEED) all the pack contain different games. &

FREE PRINTED LOADING INSTRUCTION
BARGAIN £1 OFF ANY 2 PACK ORDER

attention all spectrum emulator v1.7 + 50 games (bought from us in the past only) upgrade to the v2+ & 100 games for only £4.99 + return original spectrum 1.7 pack.

NEW

U.F.O.

THE CLOSE ENCOUNTER

INCREDIBLE 6 DISK SET PACK WITH REAL LIFE DOCUMENT REPORT, SIGHTING, U.F.O KIDNAPING, ECT + MANY UNRELEASE REPORT OF CLOSE ENCOUNTER WITH THE U.F.O BEING BRILLIANT. A MUST FOR ALL U.F.O FAN. RECOMMEND

6 DISK SET ONLY £5.95

new

C64 EMULATOR V3

& 30+ original C64 GAMES
& MANY C64<> AMIGA UTILITIES
This is the very latest C64 emulator V3 this pack also contained 30 + top C64 games & FULLY PRINTED INSTRUCTION

ONLY £3.99

101 GAMES COMPILATION PACK 1 ONLY £10.99

Brilliant collection of over 100 of the very best of PD games includes INVADER 2, Tetris, Monopoly, etc much to many to list. very easy to use menu system. most games come with full playing instruction. MUST FOR ANY GAMER PLAYER

PRICE ONLY £10.99 WAS £12.99

NEW 101 GAME 2

PRICES £14.99 NOW ONLY £12.99

This is the very latest all new 101 games pack 2 contains some of the very best of PD games like Zues, Wonderland, Dragontiles etc..much too many to list. All games are selectable from an easy to use menue & most games come with full playing instructions.

101 games pack 1 or 2 are compatible with all AMIGAS.
IDEAL CHRISTMAS PRESENT FOR ALL THE FAMILY

NEW TITLES

U746 C64 EMULATOR V3 Latest release much improve & Commodore 64 emulator (2 Disks)
U774 SID Professional. New release disk utilities
U773 AGA ACTION REPLAY 4 PRO New & update
U781 SNOOP DOS V2 latest relese
U82 CITEZEN PRINT MANAGER for Citezen printer
U740 SCREEN BLANKER large collection (excellent)
U789 HD memory v2. Use hard drive as extra memory
X075 MADONNA SEX (3 disks) 18+ only
X074 ADULT JOKE (18+ only) Hmm
U761 RELOCKIT 1.4 Ltest A500 emulator
U726 AREX MANUAL tutor on AREX.(WB 2/3) only
U752 EPU STACKER Double the storage space on your HD even works on normal disk drives
U750 MUSIC CATALOGUE specially for tape, CD etc.
U748 HOW TO CREATE A BOOTABLE DISK tutor
U749 DISK REPAIR 3.12 disk repair/recover utility
U738 S.KICK Professional 3 version of WB 1.3 emu
U738 3D GARDEN DESIGNER deign garden in 3D
U750 MR BACK UP Professional. Back up HD etc.
U784 DMS Professional v2 Compress 2 disks into 1
U783 POOL WINNER GOLD 1 Pool prediction
E125 JURASSIC PARK more learning aid on dinosaur
E126 CHILDREN SONG 5 Good nursery song
E129 KID DISK 3 drawing program for kids
E130 FRENCH VERD TESTER tets french language
G667 GOLF (2 Disks) very playable golf games
G668 AMOS CRICKET 2 new cricket games
G673 BOBBY GARDEN & DIGGER brilliant coin-op
AGA 121 AMGIC FACTORY (5DIsk) STAR TREK
U755 SPECTRUM EMULATOR v1.7 Latest contains 4 versions for each AMIGA system
U651 SPECTRUM GAMES (8) use with above

EDUCATION & 21 GAME PACK

Our best seller with the best of educational titles, DINOSAUR KID PAINT, SIMON & SPACE MATH, STORY LAND II & 21 ALL SORT GAMS This pack comes on 5 disks, only
ONLY £4.99
SUITABLE FOR ALL AMIGA

NEW FONT

5 DISK SET
5 DISKS FULL of very high quality IFF fonts suitable for dpaint, wb and most wordprocessor "ALL FONTS ON THIS PACK ARE GUARANTEED NO REPEAT
ONLY £4.99

MANGA AKIRA

Pack 1 (6 Disks)
GOT TO BE THE BEST MANGA PACKS YET INCLUDE DEMOS, GAMES, STORY ANIMATION, BEAUTIFUL MANGA CHIC SLIDESHOW, JAPAN-ESE LANGUAGE TUTOR. CANNOT BE MISSED, COMES ON 6 DISKS, SUITABLE FOR ALL AMIGA
ONLY £4.99

NEW PACK

*Only 4.99 per pack & every pack contains 5 disks**

COMPAGRAPHIC FONT available pack 1,2 or pack 3
ADOBE TYPE 1 FONT available pack 1,2 or pack 3
All packs above are suitable for Propage Pagestream, final copy etc. (Please check manual for compatible)
COLOUR IFF FONTS available pack 1 or pack 2
Stunning 8-16 large colour fonts ideal for headlines demos etc Suitable for D-Paint etc.
BITMAP CLIPART 5 pack available, very high clipart for virtually all DTP & Paint programs
** all packs above come on 5 disks & are guaranteed that no fonts or clipart images are repeated*

ORION PD

EST. 1992

SPECIAL PACKS

GAMES PACK 1	30 GAMES 5 disks £5.99
GAMES PACK 2	30 GAMES 5 disks £5.99
EDUCATION PACK 1	5 disks £5.99
EDUCATION PACK 2	5 disks £5.99
C64 GAMES PACK	5 disks £5.99
SPECTRUM GAMES PACK	5 disks £5.99

ASI Games 1-178 – The best games collection
LSD Legal Tools 1-150 – The best utilities collection
CATALOGUE DISK £1.00 – 4,500 Titles in stock
FRED FISH 1-1000 – Fish catalogue £1.25

HOW TO ORDER

Please make cheques with bankers card number or postal orders payable to "ORION PD". All orders despatched 1st class same day. + = A500+/A600 compatible. * = Only WB2/3 compatible. Y = A1200 Compatible. PLEASE STATE MACHINE WHEN ORDERING

PRICES

1-10 DISKS £1.25
11-25 DISKS 99p
26+ DISKS 89p

POSTAGE

UK ORDERS.........75p
EUROPE.............£2.00
WORLD...............£4.00

DEPT CU9
14 OUSTON CLOSE
WARDLEY
GATESHEAD
TYNE & WEAR
NE10 8DZ
Tel: 091-438 5021

UTILITIES

U001 Electro Cad + Y
U003 M-Cad + Y
U004 D-Copy 3.1 + Y
U005 Messy Sid II + Y
U008 Label Designer + Y
U009 Land Builder + Y
U011 Opti Utilities II + Y
U019 Super Killers + Y
U020 Printer Utilities + Y
U027 World Databank + Y
U028 A64 Emulator (2) +
U030 Label Maker + Y
U031 Cross 5.1 + Y
U032 Sid II + Y
U039 Gelignite Fonts 2 + Y
U040 Amibase Pro 2 + Y
U042 Typing Tutor + Y
U044 Cassette Labeller + Y
U055 HD Click 2.53 + Y
U064 SuperDuper 3.0*
U071 Icons 1 + Y
U073 Gelignite Fonts 3 + Y
U074 Multiplayer + Y
U079 Icon Editor 4.0 *
U083 Cartoon Brushes + Y
U086 Free Copy 1.8 + Y
U088 Spectrum Emu 1.7 + Y
U089 Text Engine 4.1 + Y
U092 Pools Tools 2 + Y
U099 Business Card +
U100 Amiga Tutorial + Y
U108 Filofax + Y
U115 Emulators 1 +
U117 600 Business Letters + Y
U120 Magnetic Pages + Y
U123 North C + Y
U124/26 C Manual (3) + Y
U128 A-Gene 4.18 + Y
U138 Forms Unlimited + Y
U139 PC Task 2.03 + Y
U140 Animated Requesters + Y
U154 ReOrg 3.11 + Y
U159 Disk Print 3.59 + Y
U161/65 Pro C Manual (5) + Y
U167 Canon/Star Drivers + Y
U172 Power Player + Y
U175 ABackup 4.1 + Y
U180 IQ Tester + Y
U183 The Money Program + Y
U223 Font Editor + Y
U238 Landscape Gardening
U247 Antiflicker + Y
U253 Menu Master 3.0 + Y
U254 Cheque Book + Y
U255 Blue Rose Fonts 1 + Y
U256 Video Manager + Y
U260/64 WB2 Utilities (5)
U271 Degrader 1.3 + Y
U272 ZKick A600 Emulator
U283 Little Office + Y
U313 Grinder + Y
U314 PC <> Amiga + Y
U334 Slip Stream Utilities + Y
U338 Blue Rose Fonts 2 + Y
U340 Sound Tracker 2.6 + Y
U341 Icons 2 + Y
U371 Lyapunovia 1.5 *
U372 Virus Z latest + Y
U380 V Morph + Y
U385 Copy & Crack Tools + Y
U394 Protracker 3.01 + Y
U395 OctaMed 2 + Y
U410/20 Amateur Radio (11)
U422 Last Will, Testament + Y
U423 Icons 3 + Y
U435 A1200 Down Grader *
U443 The Essential Copiers
U445/48 Video Graphics (4) + Y
U449 IBM PC Emulator +
U459 Printer Drivers 2 + Y
U463/64 WB3 Utilities * (2)
U565 Kids Paint + Y
U566 W/B Hacks + Y
U568 Print Tools + Y
U584 Ultimate Disk Creator Y
U587 D-Paint Fonts + Y
U611 Font Farm *
U614 Dynamite Fonts 1 + Y
U621 Race Rater + Y
U623 Speedy Workbench + Y
U638 Mega Cheats 2 + Y
U641 Custom Icons + Y
U650 Word Sort + Y
U651 Address Print + Y
U657 Adventure Creator + Y
U662 Pictures & Letters *
U669 Football League Editor
U673 Magnum 1.9 + Y
U676 Account Master +
U677 SKick * emulate A500
U678 D-Paint Tutorial + Y
U679 Hard Disk Uti 2 + Y
U685 ASI Games Fix Disk *
U686 Genealogist 3.04 *
U689 Mr Backup 1.14b + Y
U691 Kill AGA 2.0 *
U697/98 Tools Mngr 2.1 * (2)
U713 ASI Crunch & Copy 2
U727 HD Installer *
U730 Disk Salvage 2 *
U749 Print Manager *
U754 EDWord Pro 4.0 + Y
U756 Lockpick 2 + Y
U757 Print A Card + Y
U758 Pools Wizard + Y
U762 A1200 Classic Fixes 1 *
U763 A1200 Classic Fixes 2 *
U766 Music Rippers + Y
U771 Nampad A600 only
U772 Flashing Bytes Uti 3 + Y
U773 Dream Paint + Y
U797 Action Replay 4 A1200
U822 Easy Calc Plus *
U823 Engineers Kit + Y
U824 Star View + Y
U825 Disk Manager III + Y
U828 Viewtek 1.05 *
U829 RDPrep * HD Uti
U830 New HP Drivers + Y
U831 Banner 1.4 + Y
U834 Backup * HD Uti
U840 Backdrops 1.0 *
U841 Videotitler 1.1 + Y
U844 ABC Dir 1.3 *
U845 Snoopdos 2.0 *
U848 Amigabase 1.31 + Y
U850 Safe Copy + Y
U851 Ncomm 3.0 *
U853 Andy's WB3 utilities
U854 X-Kopia + Y
U968 Font Farm 3 + Y
U976 Copiers Unlimited +
U982 Musicbase + Y
U983 Desktop Video +
U997/99 Iconsplus (3) + Y
U1004 Highway Code + Y
U1014 OctaMed Tutor + Y
U1015 Magic W/B + Y
U1017 Ambush + Y
U1018 Astro 22 v3.5 + Y
U1022 Dividend winner +Y
U1023 ARexx guide +Y
U1024/25 A1200 Uti (2)
U1026 ASI Video titles *
U1027 Relokick 1.4 A1200
U1029 ASI Fix disk 2 *
U1030 Maverick copier + Y
U1031 Mega monitor + Y
U1032 ASI audio magic 5+ Y
U1033 ASI W/B Tools *
U1034 ASI Multivision 4*
U1039 ASI Multivision AGA
U1040 ASI Audiomagic 6 + Y
U1042 EPU HD stacker + Y
U1044 Dynamic skies +Y
U1045 AF Copy +Y
U1046 Textplus 5.01 + Y
U1049 MC Master + Y
U1050 Soundeffect 2.1 + Y
U1056 Dostrace 2.13 + Y
U1060 U-Chess 2.69 + Y
U1063 V-Chess 2.0 + Y
U1064 Iconmiser 2.0 +Y
U1068/70 Grapevine 19 (3)

COLOUR CLIPART

CCA Maps (12) + Y
CCA Mammals (10) + Y
CCA Trees (7) + Y
CCA Insects (5) + Y
CCA Birds (7) + Y
CCA Flowers (13) + Y
CCA Reptiles (4) + Y
CCA Fish (5) + Y
CCA Vegetables (4) + Y
CCA Dogs (10) + Y
CCA Fruit (3) + Y
CCA Horses (2) + Y
CCA Plains (2) + Y
CCA Dinosaurs (2) + Y
CCA Instruments (2) + Y
CCA Cars (1) + Y
CCA Cats (1) + Y
CCA Ships (2) + Y

BLACK & WHITE CLIPART

BCA Weddings (2) + Y
BCA Houses (2) + Y
BCA Religious (3) + Y
BCA WWII Aircraft + Y
BCA Kids (2) + Y
BCA Business (2) + Y
BCA Office + Y
BCA Xmas (4) + Y
BCA Schools (2) + Y
BCA Babies + Y
BCA Sport (2) + Y
BCA Olympic + Y
BCA Medical (2) + Y
BCA Banners (2) + Y
BCA Butterflies + Y
BCA Borders (2) + Y
BCA Mac clips (2) + Y
BCA Teddy Bears (2) + Y
BCA Golf humour (2) + Y
BCA Navy + Y
BCA Travel (2) + Y
BCA Alphabet (2) + Y
BCA Fish + Y
BCA Restaurant (3) + Y
BCA Astrology (2) + Y
BCA Buildings + Y
BCA Garden + Y
BCA Cats (2) + Y
BCA Dogs + Y
BCA People (5) + Y
BCA Animals (5) +Y
BCA Halloween (2) +Y
BCA Flowers (2) +Y
BCA Food (2) +Y
BCA Family (2) +Y
BCA Men (3) +Y
BCA Sealife (2) +Y
BCA Women (2) +Y
BCA Space +Y
BCA Botanical Art +Y
BCA Accents +Y
BCA Comics +Y
BCA Birds +Y
BCA Colouring Book +Y
BCA Floral +Y
BCA Saletime +Y
BCA Maps +Y
BCA Months +Y
BCA Beatrix Potter +Y
BCA Showtime +Y
BCA Students +Y
BCA Zodiac +Y
BCA Myths +Y

GAMES

G001 Compilation 1 + Y
G002 Compilation 2 + Y
G003 Compilation 3 + Y
G004 Compilation 4 + Y *
G006 21 Games + Y
G008 Yelp + Y
G016 Super Quiz 2 + Y
G017 Air Ace 2 Y
G023 Doody + Y
G027 Fruit Machine 1 + Y
G029 Jigsaw + Y
G038 Diplomacy + Y
G039/40 C64 Games (2) +
G051 Dragon Tiles + Y
G054 Soccer League + Y
G056 F1 Challenge 3.0 + Y
G082 Monopoly 1 + Y
G083/84 Star Trek 1 + Y (2)
G098 Super Pacman 92 + Y
G110 Fruit Machine 2 + Y
G113 Top of the League + Y
G114 Dr Mario + Y
G115 Soccer Card +
G119 Battle Cars 2 + Y
G120 Growth + Y
G129 Tetren + Y
G187 Total War + Y
G188 No Mans Land + Y
G192 New Card Games + Y
G194 Fruit Machine 3 + Y
G204 Tennis +
G225 Empire + Y
G236 Stock Market Game Y
G245 Return to Earth + Y
G257 Chess Tutor + Y
G263 Airmania + Y
G274 Survivor + Y Adv
G298 Sata + Puzzle Game
G300 Cricket 1 + Y
G303 Escape + Y
G306 Dominoes + Y
G307 Trail Blazer + Y
G308 Games Galore 11 +
G310 Airport + Y
G312 Roulette + Y
G316 Games Galore 12 +
G317 Klaktris + Y
G322/23 Olempiad + Y (2)
G327 Games Galore 13 +
G328 Mind Games + Y
G334 War + Y
G335 E-Type 2 + Y
G341 Battle Star + Y Adv
G342 Deluxe Pacman 1.4 + Y
G343 Poker + Y
G345 Monopoly 2 *
G347 Tank Hunter + Y
G348/50 Nethack + (3)
G351 Asteroids 2 + Y
G354 Tetris AGA *
G355 Bomb Jacky + Y
G356 Fighting Warriors + Y
G357 Crazy Sue 2 + Y
G358 Solitaire Golf + Y
G359 Tetris Pro + Y
G360 Turbo Thrust + Y
G361 Mad Bomber 2 + Y
G362 Wibble World Giddy + Y
G365 Star Wars
G366 Battleships +
G367 Boulderdash + Y
G368 Crazy Pipes 2 + Y
G369 Fruit Panic + Y
G370 Volley Ball + Y
G371 Fruit Machine 4 + Y
G372 Rubik Puzzle + Y
G373 Aztec Challenge +
G374 Premier Pics + Y
G375 Monaco + Y
G376 Desert Defender + Y
G377 Space Rescue + Y
G381 Army Miner + Y
G382/83 18th Hole (2) + Y
G385/87 Star Trek 3 (3) + Y
G390 Scrabble + Y
G391 The Winning Post + Y
G392 Beetle + Y
G393 Numtris + Y
G394 Bop n Plop + Y
G395 Spectrum games + Y
G396/98 Klondike AGA *
G401 Micro Market 1.2 + Y
G404 Dinowarp + Y
G405 Road to Hell + Y
G407 Slime Game + Y
G408 Fatal Mission 2 + Y
G409/10 Mr Men Olympics
G411 3D Games 2 + Y
G449 Games Galore 14 +
G450 Games Galore 15 +
G462 Mexican Massacre +
G467 Skidmarks +
G468 Grand Prix Manager + Y
G473/74 Starbase 13 (2)+ Y
G480 Popeye + Y
G482 Space Invasion +
G492/93 M/ Invaders AGA
G503 Excellent cards + Y
G504 Megaball AGA
G505 Gyves Tetris + Y
G506 Fruit Machine 5 + Y
G507 Boulderdash 2 + Y
G508 Exit 13 + Y
G509 Wackman + Y
G510 Digger + Y
G511 Karate Champ + Y
G512 Pipeline 3 + Y
G513 Backgammon + Y
G534 A Day at the Races + Y
G535 Megasquad + Y
G536 Turbo Hockey + Y
G537 Pop Quiz + Y
G538 Statis + Y
G539 Ultimate Quiz + Y
G540 Sports Challenge + Y
G541 Gorf + Y
G542 40 Thiefs + Y

Spectrum Games (5) + Y

Pack 1 ....5 disks..........£5.99
Pack 2 ....5 disks..........£5.99
Pack 3 ....5 disks..........£5.99
Pack 4 ....5 disks..........£5.99

SPECIAL PACKS

BUSINESS PACK 1 – 5 DISKS – £5.99
Text Engine 4.1, Amibase Pro2, Amiga Fox DTP, Budget Home Accounts, Addresser, Typing Tutor, Business Card, Spell Checker, Filofax, Superduper 3.0, World Time.

BUSINESS PACK 2 – 5 DISKS – £5.99
Forms Unlimited, Messy Sid II, Textplus 3.0, Spread, Smart Icon, Super Spell, HyperCat, 600 Business Letters, Flexibase, PC-Task 2.03, Label Print, Print Studio.

ADOBE TYPE 1 FONTS – 5 DISKS – £5.99
Type 1 Fonts are compatible with Pagestream 2.1+, The Publisher, Final Copy 2 rel 2, Final Writer.
PACK 1 ....5 DISKS £5.99 92 TYPE 1 FONTS
PACK 2 ....5 DISKS £5.99 78 TYPE 1 FONTS
PACK 3 ....5 DISKS £5.99 74 TYPE 1 FONTS
PACK 4 ....5 DISKS £5.99 78 TYPE 1 FONTS

SCALABLE FONTS – 5 DISKS – £5.99
Scalable Fonts are compatible with ProPage 3.0/4.0, Pagesetter 3.0, WordWorth I, II, III.
PACK 1 ....5 DISKS £5.99 90 SCALABLE FONTS
PACK 2 ....5 DISKS £5.99 76 SCALABLE FONTS
PACK 3 ....5 DISKS £5.99 71 SCALABLE FONTS
PACK 4 ....5 DISKS £5.99 76 SCALABLE FONTS

BITMAPPED CLIPART – 5 DISKS – £5.99
Compatible with any program that can import IFF images.
PACK 1 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 2 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 3 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 4 ....5 DISKS £5.99 MIXED SUBJECTS

HIGH QUALITY IFF CLIPART – 5 DISKS – £5.99
300-600 dpi images with superb quality printouts.
PACK 1 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 2 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 3 ....5 DISKS £5.99 MIXED SUBJECTS
PACK 4 ....5 DISKS £5.99 MIXED SUBJECTS

SOUND SAMPLES – 5 DISKS – £5.99
Hundreds of samples for Protracker, Med, OctaMed etc.
PACK 1.......5 DISKS £5.99 HIGH QUALITY SAMPLES
PACK 2.......5 DISKS £5.99 HIGH QUALITY SAMPLES

MUSIC PACK – 5 DISKS – £5.99
Superb introduction to music, contains a music editor plus modules, music player, rippers and sound sampler.

FRACTAL GENERATORS PACK – 5 DISKS – £5.99
Best of fractal generators all in one pack, FractalLab, Mandelmountains, FCS, FFEX, GENESIS, Mapprix etc.

ASTRONOMY PACK – 5 DISKS – £5.99
Great collection, Starview, Astro 22, Gravity, Planets, Star Chart, Amiganer, Luna, Moontool, Planetarium etc.

D-PAINT FONTS PACK – 5 DISKS – £5.99
Hundreds of new fonts in different sizes, great value.

D-PAINT 16 COLOUR FONTS – 5 DISKS – £5.99
Some superb fonts for D-Paint, exceptional quality.
3 packs available, each pack consists of 5 disks @ £5.99

EX-SOFTWARE 3.5" DS/DD DISKS

50	10.99
100	19.99
200	39.50
250	48.99
500	96.99

DISKS ARE OVER PRODUCTION RUNS FROM A SOFTWARE HOUSE ALL DISKS ARE COMPLETELY GUARANTEED AND COME COMPLETE WITH LABELS.

3.5" SUPERIOR LOCKABLE DISK BOXES

100 Capacity box	3.99 *
140 Capacity Box	5.99 *
200 Capacity Drawer	9.99 *

* ONLY IF PURCHASED WITH DISKS

All products are subject to availability - All prices include VAT. Please Add £3.50 P+P for disks and boxes or £5.99 if goods required overnight E&OE

SNAP

COMPUTER

SUPPLIES LTD

HOTLINE

0703
457111

RIBBONS - POST FREE

	2 Off	PRICE EACH	4off
Citizen 120D/124D Swift 24	2.75		2.55
Citizen Swift 24 Colour		11.95*	
Panasonic KXP 1080/1123/1124	3.25		3.05
Panasonic KXP 2123	4.95		4.75
Panasonic KXP 2123 Colour		10.95*	
Star LC10/LC20	2.60		2.40
Star LC10-4 Colour	5.50		5.25
Star LC24-10/24-200	2.95		2.75
Star LC24-10 Colour		9.95*	
Star LC200	3.00		2.80
Star LC200 Colour		9.95*	
Star LC24-200 Colour		9.95*	
HP Deskjet Single Refill		7.99*	
HP Deskjet 500 Double Refill		9.95*	
Canon BJ10 Double Refill		7.99*	

Minimum order - 2 ribbons except those marked with an asterisk*

ACCESSORIES - POST FREE

Quickshot Apache Joystick	6.95
Quickshot Python IM Joystick	8.95
Quickshot Maverick IM Joystick	12.95
Quickshot Mouse	12.95
Mouse Mat	1.99
Roll 1000 3.5 Disk Labels	8.99
Amiga A500/A600/A1200 Cover	3.50
Philips monitor cover	3.99
Star/Citizen/Panasonic 80 col. Printer cover	3.99

SNAP COMPUTER SUPPLIES LTD

FAX: 0703 457222

VISA

Unit 12, The Sidings, Hound Rd, Netley Abbey, Southampton SO31 5QA

Access

EPIC

Order hotline. **0793 490988**

VISA MasterCard EUROCARD Access

Selected *Amiga* Software for the selective *Amiga* user.

The complete system for cataloguing your CD, Video, and games collection. Keep track of all your Entertainment media. All you'll ever need.
Only £7.00

☐ CTG7-3. CATALOGUERS

Now the good weather is here, it's time for you to do the garden, and here's a good reason not to. You'll be too busy designing it.
Only £3.00

☐ GRN3-1. 3D GARDEN DESIGNER

Make your own memory expansion, Sound sampler. Convert a PC keyboard so it works on the Amiga. Build a PC bridge board, and loads more.
Only £3.00

☐ HWP3-1. HARDWARE PROJECTS

Over 60 high quality Compugraphic fonts, for use in Pagestream or Wordworth 2/3. This is a selection of the most popular fonts available. Don't miss it.
Only £7.00

☐ PSF7-3. COMPUGRAPHIC FONTS

Everything you'll ever need for crunching or de-crunching your files or disks. Includes: Power packer, DMS, LHA, Crunchmania, and loads more.
All for only £5.00

☐ CRM5-2. CRUNCH MANIA

Who needs Sonic, or Mario when you can play fantastic Amiga games like this. It's a very addictive platformer with superb graphics. Don't miss it.
Only £5.00

☐ MSB5-1. MORTON STRIKES BACK

If you want to learn the rules of chess or just want to play a great chess game, then order JI Utimate Chess now. Superb graphics and speech make this a great program.
£4.00

☐ JIC4-1. CHESS & TUTOR FOR 1MEG MACHINES

☐ JIT4-1. CHESS & TUTOR (2 MEG)

A compilation of the best Amiga PD disk duplicators – over 10 in all. Make backups of all your software with ease.
Only £5.00

☐ CPY5-2. DISK COPIERS

The A1200 degraders will ensure that over 95% of ALL Amiga games / demos will work on your powerful A1200 / A4000. Easy to use…
Only £4.00

☐ DEG4-2. A1200 DEGRADERS

Fifty gorgeous babes for you to drool over. All images work on A1200 /A4000 thus giving you the best possible picture quality. All run in a slideshow format for ease of viewing…*Only £15.00*

☐ GRL15-10. AGA BATHING BABES!!!

The complete RSI Demo maker collection. Contains the latest RSI demo maker, font editor, graphic templates, vector editor, music, logos and a complete tutorial.
Only £15.00

Works on A500, A500+ with 2meg & A1200

☐ RSM15-5. THE RSI DEMO MAKER

If you want to link up either 2 Amigas, 2 PCs, or an Amiga to a PC then this easy to use software package will suit you fine.
Software £8.00

☐ Parnet Link up lead (Ami-AMI) £19.99

☐ COM8-3. NETWORKING SET

The complete A1200 / A4000 hard disk installation software set. Prep, format & install Workbench correctly with this easy to use set.
Only £7.00

☐ AHD7-2. A1200 HARD DRIVE INSTALLER

If you're into Imagine then this fantastic new Objects disk will amaze you, objects include: **Delta Fighter, Soul Hunter, Tyranid and Vorlon One Space Craft.**
Only £4.00

☐ BLF4-1. BABYLON 5 OBJECTS

The complete in home professional office set. Includes: Wordprocessor, Database, Spreadsheet and Diary. All with complete documentation.
All for only £10.00

REQUIRES KICKSTART 2/3

☐ HOP10-4. HOME OFFICE PROFESSIONAL

Remember the good old days, when games were games. Now you can with this amazing product that allows you to run all your old Spectrum games on the Amiga. *Only £5.00*

☐ SPG15-7. 100 SPECCY GAMES £15.00 ☐ SEH40-4 SPECCY EM + TAPEDECK INTERFACE £40.00

☐ SPE5-3. SPECTRUM EMULATOR 2

If you like knocking the sense out of big mean guys then Bodger Kombat will suit you down to the ground. Lots of blood, guts and grusome sound FX make this 2 player game a classic.
£6.00

☐ BDK6-3. KOMBAT

A ten disk set of over 50 Imagine Objects. Includes, Startrek, Star Wars, Vehicles, Dinosaurs, Future Bike, Animals, WWII and loads more.
A bargain at just £15.00

☐ IOD15-10. IMAGINE OBJECTS

Learning to type can be a difficult task, but not when you get a copy of our classic Typing Tutor. Includes 3 games to help you learn to type. Perfect for the beginner.
Only £3.00

☐ TYP3-1. TYPING TUTOR

The most professional word searcher & crossword solver available on the Amiga. Includes a dictionary of over 58,000 English words, and you can even add your own.
Only £5.00

☐ WFP5-2. WORD FINDER PRO.

XCopy Pro. is regarded as the world's most powerful Amiga disk copier. The makers are so sure of this that they offer you money back if you can't backup your software collection.
Only £34.95

☐ XCP35-1. XCOPY PROFESSIONAL

Over 3,000 Adobe, Compugraphic & True type fonts are included on this one CD. Compatible with any CD Rom drive connected to an Amiga. It is also compatible with PC CD Rom.
£19.95

☐ PRO. FONTS CD ROM

Play Poker against some of the most glamorous women in the world. Various components to play against. Very gripping stuff!!
Only £12.00

☐ DSP12-1. DELUXE STRIP POKER 2

Run PC Software on your Amiga. Supports VGA on the A1200 or A4000. Works with your hard disk, floppy drive, serial, parallel & mouse ports.
Only £39.95

*Compatible with all Amigas

☐ PCT40-1. PC TASK

Create your own fascinating Random Dot Stereograms on your Amiga. Works with any standard Amiga picture. *Only £3.00*

☐ RDS3-1. RANDOM DOT STEREOGRAM

Double the space on your hard drive with ease. A safe & tested way of doubling the size of your hard disk drive. 80meg will become 150meg. Runs silently in the background.
£5.00

☐ EPU5-2. DISK DOUBLER

Klondike the card game features unbelievable 256 colour high res graphics. Also available now are 4 new card sets, each featuring a different theme. A1200/A4000 only.
Only £6.00

☐ KLE6-4 KLONDIKE EXTRA CARDS 1-4

☐ KLD6-3. KLONDIKE DELUXE AGA

If you've just purchased your Amiga then you may be a bit boggled about how to use it properly – well this five disk set will see you right. The complete beginner's guide.
Only £9.00

Compatible with all Amigas

☐ ABG9-5. BEGINNER'S GUIDE

PROFESSIONAL VIDEO BACKDROPS

Each pack includes images in 16 colour hires & 256 colour hires

☐ PBP15-4. PAPER

A collection of Professional quality Backgrounds, perfect for use in Scala, or any other top video titler. *£14.95*

☐ PBW15-4. WOOD

A selection of various woods: Pine, Oak, Bark etc. Give your Video work a professional finish every time. *£14.95*

☐ PBT15-4. TEXTURES

Various high quality Texture Images for use on any Amiga model with any Video titling software. *£14.95*

☐ PBS15-5. STONE

Rocks, Pebbles, Stones etc. All very high quality images. Perfect for giving your video work a professional finish. *£14.95*

IMAGINE

HINTS, TIPS & TUTORIALS

The perfect companion for all Imagine users.

This 30-page booklet written by experienced Imagine users covers a wide range of Imagine features including: Brush mapping, Special effects, Animation, using video tape, Transparencies, Making your own objects, Rotation, and more.

Whether you're a novice or a professional Imagine user you'll benefit from what this booklet has to offer.

FREE IMAGINE COMPANION DISK

Disk includes a range of textures, attributes objects and a complete animation for you to render.

Introductory price £7.95

ORDER ☐ IMAGINE HINTS & TIPS

ORDER FORM

Name ....
Address ....
....
Tel .... Amiga ....
Payment method..................... Total packs ....
Price £.......................+ 50p P&P = £.......................

Credit card details.
Credit card No.
☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐
Expiry date..

FREE
BOX OF TEN QUALITY BLANK DISKS WITH EVERY PURCHASE OVER £25

OVERSEAS ORDERS

Overseas orders are welcome, but there is a minimum order of 3 titles and please add £1.00 per title for first class Airmail delivery.

COLLECTING

You are welcome to collect your order, but you are advised to phone it through prior to collection. Office hours: 9.30am-5.30pm Mon-Sat.

ORDERING BY POST

Simply send your order in on an A4 page, listing the items you require, the total cost, and your name & address, or if you wish simply mark off the items you wish to order, fill in your name etc, and send this page to Epic Marketing, 1st Floor Offices, Victoria Centre, 138-139 Victoria Rd, Swindon, Wiltshire, SN1 3BU.

ORDERING BY PHONE

Call any time between 9.30am & 5.30pm Monday to Saturday with your credit card details and the items you would like to order.

Delivery charges. Please add a total of 50p for PD disks in the U.K. & Mainland.
☐ SAME DAY GUARANTEED DISPATCH ON ABOVE TITLES ADD £4.00
Most orders are dispatched within 48 hours

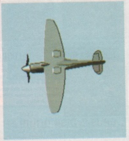
Epic Marketing, First Floor Offices, Victoria Centre, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. Tel: 0793 490988

ART GALLERY

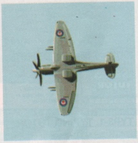
Fish, planes, *Lemmings*, Barney Rubble – and utter rubbish. Lisa Collins lays down the law on this month's crop of art.

DOGFIGHT 44

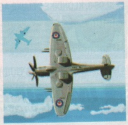
by Kevin Wafer, Surrey.



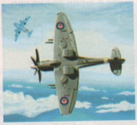
1. First, the outline is drawn in *DPaint* using the linedraw tool and fill with medium zoom.



2. Next, the plane's details are added using cut and paste, stepping and anti-aliasing.



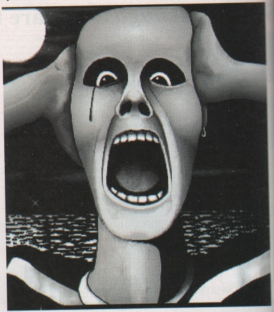
3. Then, the background is added using filled boxes. The clouds are formed using a circle brush in low zoom.

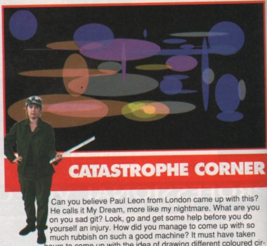


4. Finally, using cross match and colour boundaries on the clouds, the final details to the picture are added.

THE SCREAMER

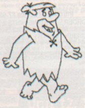
by Andrew Cashmore, Staffordshire.



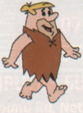


CATASTROPHE CORNER

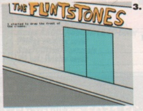
Can you believe Paul Leon from London came up with this? He calls it My Dream, more like my nightmare. What are you on you sad git? Look, go and get some help before you do yourself an injury. How did you manage to come up with so much rubbish on such a good machine? It must have taken hours to come up with the idea of drawing different coloured circles over and over again. Not. Did you know that purple is a colour associated with madness? Explains a lot really.



1. First of all, Barney's outline is drawn using a combination of line and freehand.

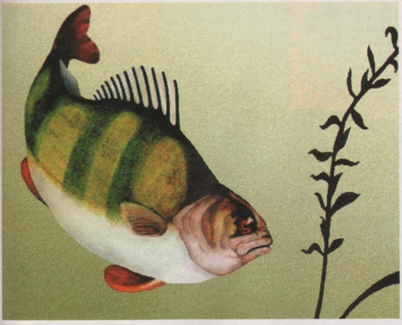


2. The colours are then mixed and the frame is blocked in using flood fill.



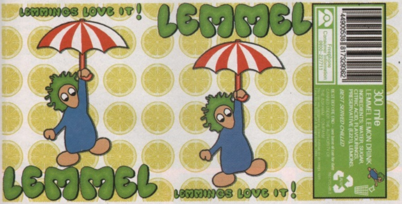
I started to draw the front of the cinema.

3. Next, the outlining of the cinema begins. Guess what film Barney's going to see?



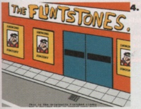
THE FISH

by Ryan Wade, Milton Keynes.

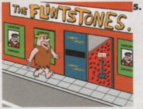

LEMMINGS LOVE IT!
LEMMEL
LEMMEL
LEMMINGS LOVE IT!
Freephone Consumer Information 0800-227711
4490053881 7329362
300 mle
LEMMEL LEMON DRINK
INGREDIENTS: WATER, SUGAR, CITRIC ACID, FLAVOURINGS, PRESERVATIVE (E221), LEMONS.
BEST SERVED CHILLED
ALU
RECYCLABLE

LEMMINGS SURPRISE

by Simon Askham, Leicester.


THE FLINTSTONES.

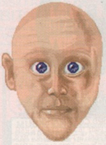
4. Some posters and other details are added to the cinema to liven things up a bit.


THE FLINTSTONES.

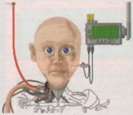
5. Finally, some last minute changes to the colours and here's Barney.

CYBORGE CRAZY

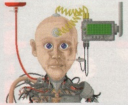
by Sam Page, Gloucestershire.



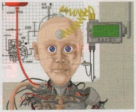
1. In *DPaint III*, the head is drawn first in freehand using the magnify option in low resolution with 64 colours.



2. Then the body is sketched in and the EBPR unit is added. The metal effect is achieved by using an air brush with different coloured greys. The greys are smoothed together using the smooth mode.



3. The body is finished off using the magnify option. The electros are then added, followed by the blood supply bag.



4. The background is loaded and the Cyborge is pasted on top. Finally, a few details are added to finish it off.

FOR THE BEST IN PUBLIC DOMAIN & CD ENTERTAINMENT, NO-ONE ELSE COMES CLOSE!

THAT BIT BETTER THAN THE REST

17 BIT SOFTWARE
Est. 1988

CDPD 4
IN STOCK NOW!
CONTAINS F890 TO 1000
IMAGINE OBJECTS, THE
COMPLETE GNU C++
COMPILER, AM/FM TO 18,
(INC SPECIALS!)
HUNDREDS OF
BITMAPPED AND ADOBE
FONTS + LOADS MORE!
£19.99 + 75p P&P

FONTS & CLIPART CD
A New Release From The U.S.A, This CD Contains Over 600 MB Of EPS, IFF & PCX Clipart, along with Hundreds Of Adobe & PSFonts. The Disk is ISO Standard And Can Be Read On An Amiga, Mac of PC. £19.99 + 75p P&P

THE PROFESSIONAL CD-ROM
For Serious DTP Users, This CD Contains 162MB Of PCX, GIF, EPS & TIFF Clipart, Along With 320MB Of Adobe, Compugraphic & True Type Fonts. & CG Clipart Has Also Been Included. £19.99 + 75p P&P

NEW CD IMPORTS ARRIVE REGULARLY. CALL FOR DETAILS OF NEW RELEASES.

GIFS GALORE CD
Another Release From The U.S. This CD Contains Over 5000 High Quality GIF Images From The Following Areas:- Aviation, Fantasy, Flowers, Fractals, Maps, Nature, Raytrace, Swimsuit, Technology + Over 30 More Subjects! £19.99 + 75p P&P

AMOS USERS CD
This Massive Collection Contains EVERY Disk In The AMOS Library, Includes Source Code, Sprite Banks, CTEXT Banks, Samples, Music Banks & Much More! Also Includes Networking Software For CD32 Users. Grab Yours For £19.99 + 75p P&P

52,000 MEMBERS!!

CDPD COMPILATIONS
CDPD I F001 To F660 £19.99 + P&P
CDPD II F661 To F750 £19.99 + P&P
CDPD III F751 To F890 £19.99 + P&P

CDPD Compilations Contain the Fred Fish Range Of Disks Which Are More Inclined To The Utility Side of Public Domain. These Disks Also Contain A Selection Of Music Modules & Pictures

Postage & Packing Is 75p Per CD

DEMO CD COLLECTIONS
DEMO CD 1 650 MB Of Music & GFX Demos + Anims £17.99 + 75p P&P
DEMO CD II Another 650MB Of Music, GFX Demos & Anims £19.99 +75p P&P

17 BIT CD's
17 BIT COLLECTION (DISKS 1 & 2)
Over 1700 Disks From Our Own Library From Disk 1 To 2300 £34.99 + 75p P&P

17 BIT CONTINUATION (DISK 3)
Bring Your Collection Up To Disk 2800, Not To Mention The Entire Assassins Games Collection To 140! Includes A Menu & Full File Search For Disks 1, 2, & 3! £19.99 + 75p P&P

Our CD's Are Ideal For Those Who Want A 'Broader Spectrum Of PD Titles

MULTIMEDIA TOOLKIT CD
If You Are Thinking of Creating Your Own Multi Media Presentations, Then You Will Find Everything You Need On Here. CD Includes Fonts, Clipart, Music, Mods, Snd Effects, Samples & Pictures. Only £19.99 +75p P&P

LOCK N LOAD CD
If You Want Nothing Else But Games, Then This CD is For You. 1000 Of The Best PD Games Have Been Included Which Run From The CD, So Its Even OkFor Your CD32! £19.99 + 75p P&P

AMINET III JULY 94 EDITION
Easily One Of Our Top Sellers! The Entire Amiga Archives From The Internet Contains Over 3200 Programs That Cover EVERYTHING Imagineable! Games, Demos, Utils, Applications, Mods, Technical Docs, 3D Objects, The List is Endless! (Contents Are Archived) Only £19.99 + 75p P&P NOT CD32!

SPACE & ASTRONOMY CD
Over 1000 Superb 256 Colour Pics Of Our Solar System & Other Space Objects, With Official NASA Texts That Date Back To 1962 £19.99 + 75p P&P

PD GAMES

3288 BACMAN
AGA Pacman! Great!

3287 (AB) WRESTLING
2 Disk Drives Required, Good!

3281 LEAGUE SOCCER CARDS
A Different Soccer Cards Game

3278 XENOMORPHS
Playable Game Demo. Good!

3277 ANT WARS V1.9
Superb Shareware Game!

3276 THE SUMMONING
Shareware Adventure Game.

3275 CHARLIE CHATTERBOX
Shareware Game, Like Splat!

3270 TRICK OR TREAT
Great 2 Player 3D Maze Game!

3267 (AB) STARWOIDS
Mega Thrust / Asteroids Game.

3265 SPECTRUM EMULATOR 2
New Improved Latest Version!

3253 SENSITIVE
Hard To Describe Puzzler!

3252 BLACK DAWN 2
Dungeon Master Clone. Great!

3249 GAMES GALORE 18
Another Great Games Comp!

3248 GAMES GALORE 17
Another In The G.G Series.

3239 PUNTER V1.0
Horse Racing Management

3235 ROBS HOT STASH 10
More new Utils! Superb Comp.

X3234 ROBS HOT GAMES *7
AGA Only This Time!

3233 ROBS HOT GAMES *6
Includes Great Defender Clone!

3232 (AB) BANDIT MANIA
Superb Fruit Machine Game!

ANIMATIONS

3251 THE GOLFERS GUIDE
Hilarious Golfing Anims. 1.5MB

3230 2MB AMIGA ANIMATION
The Teapot & The Anglepoise.

3229 2MB AMIGA ANIMATION
The High Spot Funky Dancer

3228 2MB AMIGA ANIMATION
Please Release Me!

3182 MORPHY THE MAGICIAN
Latest 2 MB Schwartz Anim!!

X3181 MORPH MAGICIAN AGA

UTILITIES

3294 ASI MULTIPRINT 4
More Assassins Print Utils.

3292 LOAN & ACCOUNTS
Great Compilation Of Progs.

3291 DFA
Great Address Book! HD Req.

3290 RECPEBOX/VIDEOBASE
Recipies & Video Dbases

3289 VIDEOMAXE V4.33
Best Video Database Ever!

3274 AMOS EXTENSIONS
For Amos & Amos Pro.

3273 TELESUBTITLE
More Video Titling Stuff.

3271 TIME GUARDIAN
Starts Automatic Timed Events

3266 MAGIC WB EXTRAS
More Icons & Screens Etc.

3263 WORKBENCH 2 TUTOR
Superb Workbench Tutorial.

X3262 (AB) MOVIE GUIDE
AGA Movie Database HD Req.

3261 KNIT & VIDEOMAXE
Create Knitting Patterns.

3260 BOWL SECRETARY
Ten Pin Bowling Scorer.

3257 AFAX
Amiga Fax Software.

3256 CGFONTS *10

3255 CGFONTS *9

3250 ABANK DEMO
Accounting Software.

3247 FONTFARM 14
Another 60 Bitmapped Fonts

3246 FONTFARM 13
More Bitmapped Fonts

3245 ASI AUDIO MAGIC *8
More Assassins Music Utils.

3237 CGFONTS *8

3236 SUPERLEAGUE V3.50
Football League Editor.

3224 BLITZ SHAPE EDITOR 1.1
Edit 3D Shapes In Blitz Basic.

3220 HD CLICK V2.7
Hard Drive Menu System.

3219 CALORIE COUNT DIARY
Watch Those Calories!

3218 VARK CLI UTIL *5
Collection Of New CLI Utils.

3217 NOSTROMO CHEATS V3
Collection Of New CLI Utils.

DEMO & MUSIC

3280 (AB) AMIGADEUS II
Mozart By Rob Baxter.

3269 INSANE DEMO
Another Nice Demo. Nice GFX

3268 CCCP DEMO
Rave Alert!

3242 ROBS ROCKERS *2
Collection Of Octamed Tunes

3241 ROBS ROCKERS *1
Collection Of Octamed Tunes

3226 RHYTHM ATTACK 2
Hot Music Disk

3225 RHYTHM ATTACK 1
More Great Music Tracks

3211 QUACKBUSTED II
Decent Gfx Demo.

3210 (AB) LOVE
Superb Party Winning Demo

3209 POLKA BROTHERS
"No Name" demo.

3208 GEVALIA - POLKA BROS.
2nd Place In Demo Comp.

3203 DEVOLUTIONS SLIDES
Superb Raytraced Pics.

3202 DANCE WAR
"Zone Agianst Zone" Music.

3194 (AB) ARTIFIC. PARADISE
Well Worth A Look At!

3183 (ABC) TRANCENTRAL
Very Very Nice Music Demo.

3155 GENIUS MUSIC
3 Tracks Of Rave!

3154 CLASSIC HORROR PIX
Posters From Old Horror Flix.

3153 DEEPER 9
Spacey Sci-Fi Jpeg Pics.

3152 DEEP 9
More Space Jpegs.

3126 R. BAXTER METROLINK
2 Original Compositions

3123 AEROSOL MUSIC
Toons To Annoint Your Ears!

3122 STSFCTN GUARANTEED
Nice New Demo Addition.

3119 "LARGO" BEETHOVEN
Piano Concerto No.1 In "C"

3109 ELECTRONIC KNIGHTS
New Demo - "Rampage"

3108 OXYGENE "CUZCO"
Another Quality Demo.

3103 ANDROMEDA

AGA DEMOS

X3279 (AB) MECHANETIX II
Alien Science AGA Slideshow

X3240 (AB) STARWARS
Nice AGA Cult Slideshow

3238 (ABCD) MINI AGA
Superb AGA Pics MOST Excellent.

X3207 JPM'S AGA PICS *10
More Very Nice AGA Pictures

X3193 (AB) RAMJAM / BF
"It Can't Be Done" AGA Demo

X3178 (AB) TUTANKHAMUN
Even More Treasures From Tut!

X3176 (AB) RED DWARF AGA
Loads Of AGA Pics From R.D!

X3142 BRAIN STATE IN A BOX
After Many Requests!...

X3127 FRIDAY AT 8 AGA
Nice Effects, Good Demo.

X3104 COMPLEX "REAL" AGA
Superb New AGA Demo!

X3091 FATAL MORGANA AGA
Groovy AGA Ostrich Demo!

X3046 (AB) BIG TIME SENSUAL
2 Disk AGA Extravaganza!!

X3016 FAIRLIGHT FULL MOON
Superb. Fairlight Do It Again.

X3015 NOXIOUS:
Demo Titled "Beyond Belief"

X3014 (ABC) INFESTATION
Present Ray World. Excellent.

BITS N BATS

3293 EDUCATIONAL COMP.
Morse, French & Kids Education.

3286 DRUM LOOPS & SAMPLES

3285 ANALOG BASS SAMPLES

3284 GUITAR SAMPLES

3283 121 DRUM SAMPLES

3282 DRUM LOOPS & SAMPLES

3272 (AB) CHANNEL Z *6
A1200 Owners Disk Mag.

3264 YABBA DABBA DOO
Flintstones Clipart

3254 (AB) MAG.E ISSUE 4
Cult SCI-FI Disk Mag.

X3244 ELLIE MCPHERSON
Cardset For Klondike AGA

3243 (AB) APOLLO 11
Hyperbook Educational Set.

3223 ROME (EDUCATIONAL)
"Entertainment & Architecture"

EUROSCENE 1
If You Want A Collection Of The Hottest Most Up To Date Demos Currently Available On CD Then You Really Do Need This. Just About Everything On The Compilation Was Released In The Last 18 Months! Also Includes Demos Released At TG93 & 94 !

£14.99 +75p P&P

Don't Miss This Superb Compilation!

VIDEO CREATOR
Easily Combine Images, Animations & 3D Graphics To Create Spectacular Videos Which Can be Recorded To ANY VCR! Over 1000 Images Have Been Included To Help You Get Started! *£32.99
(RRP IS £39.99, CD32 ONLY)

CRAIG COLLINS PRESENTS..
The Imagine Video Collection *1

This 20 Minute Long Hi- Grade Video Contains All Of Craig Collins Animation Works To Date, Specially Enhanced With Digital Sound For This Unique Collectors Video.

Not Only Are All Craig's Previous Anims Such As Last Stand on Hoth, Mean CD Machines & Speed Limit included, But 3 More Never Before Seen, MASSIVE Animations Created With Imagine, Especially For This Video Are The Main Attractions! These Are:- Soldier X, Tigris 3 & Aliens, The Survivors!

If You Enjoyed "Space Wars" You'll Die For This!Get Yours NOW! £12.99 + 75p P&P

TEAM 17 COMPILATIONS

Project X & F17 Challenge	£19.99
Alien Breed & Quak	£19.99
Ultimate Bodyblows	£25.99

These Titles Are CD32 Only!

CD32 NETWORK CD & CABLE
Connect Your CD32 To Your Amiga For Complete CD Access!
CD £14.99 CABLE £19.99
(CD Also Includes Fish To 975!)

ORDERING

BY PHONE
(0924) 366982
BY FAX
(0924) 200943
All Major Cards
Including SWITCH

POSTAGE RATES
Please Add 50p For All UK orders. Europe Please Add 10% Rest of World Add 20% of Total Value of Order

BY POST
Please send Cheques/PO's To;-:
17 BIT SOFTWARE
1ST FLOOR OFFICES, 2/8 MARKET STREET
WAKEFIELD
WEST YORKSHIRE WF1 1DH

DISK PRICES
1-10 Disks £1.50 Each
11-20 Disks £1.25 Each
21 Disks or more £1.00 Each!
1 FREE WITH EVERY 10 YOU BUY!
(AB) Etc Denotes Mutiple Disk Title

LICENCEWARE TITLES

EDUCATIONAL-WARE

CLE14	(3) T.G ECOLOGY
CLE15	FASTFRET V2.0
CLE16	(2) HISTORY
CLE17	THINGAMIJIG
CLE18	WORK & PLAY
CLE19	PLAY IT SAFE
CLE20	BIG TOP FUN
CLE21	JIGMANIA
CLE22	CHESS TEACHER
CLE24	(3) SPEED READING
CLE25	CHORD COACH V3.1
CLE27	(3) C.A.T.T.
CLE29	PREHISTORIC PACK
CLE31	(2) UNDERSTAND AMOS
CLE32	(2) SPITFIRE
CLE34	(2) YOUR FIRST PONY
CLE35	(3) SOLAR SYSTEM 2
CLE39	(2) MY LITTLE ARTIST.
CLE40	BOREALIS JUNIOR
CLE41	BASICALLY MEDICINE
CLE42	COMPOSISTION
CLE43	AMOS LANG QUIZ
CLE44	PORTRAITURE
CLE46	BASIC ANATOMY
CLE48	ROCKET MATHS
CLE49	(3) DINOSAURS 2
CLE50	(2) D.R.A.T V.2.4
CLE51	PAINT, PASTE & DRAW
CLE52	TELL THE TIME
CLE53	LETS LEARN 2
CLE54	(2) TITANIC
CLE55	BASICALLY BASIC
CLE56	(2) BASICALLY CHEMISTRY
CLE57	(2) PAINT ME A STORY
CLE58	(3) T.C STARS & GALAXIES
CLE59	(3) A TOUR THROUGH TIME
CLE61	(2) SOUND & ANIM STATION
CLE62	(3) BASIC MASSAGE
CLE63	(2) TUTANKHAMUN
CLE64	IQ TESTER

GAME-WARE

CLG31	DIRTY RACKETS 1.8M
CLG32	7 BLOCKS
CLG34	(3) CYBERNET
CLG35	OG !
CLG36	RAW
CLG38	QUINGO V4.0
CLG39	CYBALL 5
CLG40	TRAX
CLG42	CRYSTAL SKULL
CLG43	(2) PIC-IT
CLG44	VIKING SAGA
CLG45	(2) KNIGHT FIGHT
CLG46	ARCHIPELAGO CPGN
CLG47	KIDS FUN PACK
CLG48	(2) THE LOST PRINCE
CLG49	SPACE POWER
CLG50	HAIRPIN 2
CLG51	TEN PIN BOWLING
CLG52	ADVENTURE CREATOR!
CLG53	(2) WALL STREET
CLG54	NATIONAL HUNT
CLG55	CRYSTAL QUEST
CLG56	SENTINAL
CLG57	DREAMSTREAM
CLG58	(2) GIGERPHOBIA
CLG59	FOOTBALL CLB MANAGER

UTILITY-WARE

CLU12	VIRTUAL WINDOWS
CLU13	DATOS
CLU14	STOCK CONTROLLER
CLU15	EPOCH PROFESSIONAL
CLU17	LC10/LC20 FONTS
CLU20	BJ10 FONTS V2.2
CLU21	INVOICE MASTER
CLU22	HARD DRIVE MENU
CLU27	IMAGEBASE
CLU28	ADVENTURE TOOLKIT 4.1
CLU29	G.F.X.
CLU30	DRAW SELECTOR
CLU31	FLOW CHARTER
CLU32	POWER TEXT 2
CLU33	AM TUITION
CLU34	IMAGE DOCTOR V1.10
CLU35	CRITERION
CLU36	ILINOIS PRO
CLU 37	FIND IT
CLU38	SMALL ACCOUNTS MNGR
CLU39	HARD DRIVE MENU 2
CLU40	ARCO V1

F1 LICENCEWARE

F1-001	MAGNUM PRO
F1-002	CRICKET CRAZY
F1-003	AMOS FOR BEGINNERS]
F1-004	SUPERFUN
F1-005	F1 MUSIC VOLUME 1
F1-006	(2) BLACKBOARD V2.0
F1-007	FORTRESS (2 MEG CHIP)
F1-008	F1 MUSIC VOLUME 2
F1-009	THE RAINY DAY DISK
F1-010	KARATE MASTER
F1-011	IFF VECTOR BALL DESIGNER
F1-012	OBLITERATIVES
F1-013	THROUGH THE RED DOOR
F1-014	TOTS TIME
F1-016	ART SCHOOL
F1-017	F1 MUSIC VOLUME 3
F1-018	(4) RELICS OF DELDRON-EYE
F1-019	TOUCH 'N' GO
F1-020	IMPACT
F1-021	MULTIPLAYER YAHTZEE
F1-022	ASK ME ANOTHER
F1-023	PICK N STICK
F1-024	MATHS MONKEY
F1-025	(2) ART SCHOOL V1.1
F1-026	TAKE A LOOK AT EUROPE

LICENCEWARE PRICES

CLR
(1) DISK SET £3.99
(2) DISK SET £4.99
(3) DISK SET £5.99
F1
(1) DISK SET £3.99
(2) DISK SET £4.99
(3) DISK SET £5.99
(4) DISK SET £6.99

THE NUMBER IN BRACKETS NEXT TO THE DISK TITLES DENOTES THE NUMBER OF DISKS IN EACH SET

OVERSEAS READERS! WHY NOT SAVE DELIVERY TIME & COSTS AND ORDER FROM AN OFFICIAL 17 BIT DISTRIBUTOR! WE HAVE DEALERS IN EUROPE, JAPAN, SCANDINAVIA, AUSTRALIA & THE U.S WHO WOULD LOVE TO HEAR FROM YOU! SEE ADVERTS ON THIS PAGE

AMFM 19
Latest Musicians Disk Mag.
£2.50 Per Issue Or £4.50
If Purchased With Samples

HOLODECK STARTREK PICS
Issues 3, 4 & 5 Available now.
These Titles Are Licenced And are £3.50 Per 2 Disk Issue + P&P

GRAPEVINE 19
THE ONLY AMIGA MAG TO READ!
GRAB YOURS NOW!
£4.00 IN P&P

THE FINAL FRONTIER ISSUE 7
The Latest T.F.F. Is Now Available
For All You Eager Trek Fans!
4 Disk Issue £6.95 + 50p P&P

SPECTRUM GAMES PACK
OVER 100 CLASSIC SPECTRUM GAMES FOR USE WITH *V1.7 OR *V1.6 OF THE SPECTRUM EMULATOR. 7 BURSTING DISKS FOR ONLY £10.00 INCLUDING P&P *
THIS PACK IS NOT RECOMMENDED FOR A500/A600

IMAGINE 3D PACK
7 DISKS FULL OF IMAGES AND TEXTURES TO USE WITH IMAGINE 3D IMAGES ARE ARCHIVED WITH LHA (AVAILABLE SEPARATELY)
THIS PACK IS NOT RECOMMENDED FOR AMIGA BEGINNERS
ALL 7 DISKS FOR £10.00 INC. P&P

Box 242 S-124 02 Bandhagen Sweden

SOFTLER SOFTWARE

Tel. +46- (0)8-749 08 06
Fax +46- (0)8-749 26 76
PostGiro 426 99 36-3

SVENSKAR! NORRMÄN! FINLÄNDARE!
BESTÄLL 17 BIT DISKAR FRÅN OSS!

VI HAR ALLA 17BIT, CLR, F1 MFL!

Den enda officiellt godkända leverantören av 17 Bit diskar i Sverige
Nordens ledande Public Domain & Shareware bibliotek för Amiga och PC

PD priser:
1 till 3 diskar.......27kr/st
3 till 10 diskar......24kr/st
11 till 20 diskar......22kr/st
21 till 30 diskar......20kr/st
31 diskar & fler......18kr/st

CDTV/CD32

- CDPD 1, CDPD 2, CDPD 3 ......305:-
- Demo Collection 1000 demos! Ej CD32 ......305:-
- Demo Collection 2 Demos, ca 100 spel mm 305:-
- Aminet CD prog.verktyg, källkoder mm (D) 239:-
- Weird Science multimedia toolkit för Amiga/PC 299:-
- 17Bit Collection Dubbel CD, 1700 PD diskar! (D) 525:-
- Giga PD 600 fonter, Kickstart serie 1-550 (D) 625:-
- Pandora CD demover av Insight Technology mm 85:-
- Robocod CD32 - top plattformspel för Amiga CD 249:-
- Pinball Fantasies CD32 det bästa flipperspelet 249:-
- D/Generation CD32 - 3D strategi / action 259:-
- 17 Bit Collection 2: 500st 17 Bit diskar, Assassin Games 1-141 (med över 300 spel!) mfl. 305:-
- Saar/Amok Två tyska PD- serier 319:-

ALIEN BREED+QWAK CD32 (2 spel på 1 CD!) 249:-
PROJECT X+F17 Challenge CD32 ......249:-
ULTIMATE BODY BLOWS CD32 ......299:-
NYHET! EUROSCENE Demos och musikmoduler 269:-
NYHET! CDPD 4 Fjärde delen av den bästa CD serien 305:-
NYHET! VIDEO CREATOR CD32 ......439:-
Flera andra skivor finns- v.g. ring för ett flygblad!
Vi har även många skivor för PC CD-ROM

VI HAR ALLA CLR
1 disk..........45:- kr
2 disk set....60:- kr
3 disk set....75:- kr

MUSIK CD:s skapade på Amiga
- Sounds Digital musik CD av A. Brimble, massor med kända låtar från Amigaspel 149:-
- Hobbits & Spaceships av Bjørn Lynne 159:-
- Montage Ny skiva från Bjørn Lynne! 169:-

F1 LICENCEWARE
med ensamrätt i Sverige!
1 disk...........59:- kr
2 disk set.....75:- kr

Prenumerera hos oss på Fresh Fish CD och få upp till
10% RABATT PÅ ANDRA CD:S!
Du får en speciell medlems- prislista tillsammans med din första Fresh Fish CD

Fresh Fish - **Hundratals MB med fräsha Amiga program varje en till två månader.** Maj/Juni skivan innehöll tex diskar 976-1000, GNU C++ kompilator, program & källkoder, 128 MB med andra nya program och spel, nyttyga verktygsprogram mfl. Även: Obs! Commodore includes v37-v40 för (Amiga DOS 3.1)

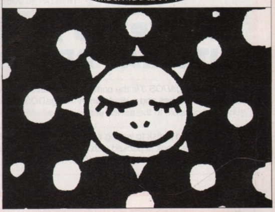
Frozen Fish - Kommer ut varje 6-8 månader med arkiverad innehåll av tre till fyra Fresh Fish- skivor. Ger dig inte lika många förmåner i form av extra erbjudanden från oss.

Pris i prenumeration 269:- / CD

Gold Fish - **Dubbel CD med Fish disketter 1-1000** Klara att använda direkt från CD:n samt arkiverade för BBS. ......**Pris: 315:- kr**

AMIGAで
し・あ・わ・せ

無償保修交換1年



AMIGA PRO-SHOP

店頭販売
通信販売
業者卸売
システムコンバック

〒110 東京都台東区台東4-22-10 中屋ビル3階 12:00〜19:00 木曜定休
TEL：03−3837−8689 FAX：03−3837−8218
（ユーザーサポート TEL：03−3837−8870）

CU AMIGA

CU AMIGA is *the* magazine for comprehensive coverage of software and hardware for the A500, A500+, A600, A1200 and CD32. Your subscription guarantees you the latest news and honest reviews, in-depth features and tutorials plus the best coverdisk software, utilities and game demos available ... allowing you to sort out what's best from the rest.

Just look what CU AMIGA has covered exclusively in the last six months

- **Exclusive previews of *PageStream 3*, *Music X*, and *DPaint 5***
- **World first news of the CD1200 from Commodore**
- **Exclusive interview with NewTek's president**
- ***LightWave* exclusive preview**
- **First Reviews of: GVP G-Force and Hisoft Basic 2**

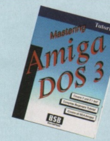
And we've got even bigger exclusive news, previews and reviews lined up in the next 12 months

SO DON'T MISS OUT – SUBSCRIBE NOW!

- **Guarantee your personal copy of CU AMIGA with previews, reviews, advice and the best cover disks.**
- **Get the next 12 issues of CU AMIGA delivered to your door at no extra cost and before it's available in the shops!**
- **Avail of the fantastic offer below:**

BRUCE SMITH BOOKS
SUBSCRIPTION OFFER ONLY £49.99!

Receive a copy of *Mastering AmigaDos 3 Tutorial* from top Amiga Book publishers, Bruce Smith Books.



MASTERING AMIGADOS 3 TUTORIAL RRP £21.95

Mastering AmigaDOS 3 is the complete introduction to AmigaDOS; designed to help the beginner become the expert. Chapter summaries and a Workbench/-AmigaDOS primer are among a number of new features designed to make this subject accessible to the novice user.

From formatting a disk to writing scripts, using pipes and multi-tasking, over 400 pages spans every aspect of the Amiga's operation. This book is packed with useful DOS one-lines and programs. The current version is completely updated for DOS 3.0 on the Amiga A1200 and 4000.

ALTERNATIVELY, GET 12 ISSUES FOR THE DISCOUNTED PRICE OF £39.99 AND SAVE OVER £7.00 ON THE COST RRP OF 12 ISSUES OF CU AMIGA!

c 2
e-
ths

GA
st

v-
ore

s

SUBSCRIBE TO CU AMIGA NOW

& RECEIVE A BRUCE SMITH BOOK WORTH UP TO £21.95!

CU AMIGA
THE ESSENTIAL AMIGA MAGAZINE
SAVE £££
OFF ESSENTIAL HARDWARE SEE BACK
COVERDISK EXCLUSIVE
DPAINT 5
YOUR CHANCE TO TEST THE LATEST VERSION OF THE WORLD'S MOST POPULAR ART PACKAGE!
2 DISKS: DPAINT 5 EXCLUSIVE DEMO • DRAGONSTONE & MORE
NO DISKS ATTACHED? ASK YOUR NEWSAGENT
STORAGE
• CD-ROM DRIVES
• FLOPPY DRIVES
• HARD DRIVES
WHAT YOU NEED!
WHAT TO PAY FOR IT!
INSIDE: OVER 50 SOFTWARE AND HARDWARE PRODUCTS FOR YOUR AMIGA

IMPORTANT. Bruce Smith Books offer and discounted offer available to UK residents only.

CU AMIGA SUBSCRIPTION ORDER FORM

HOW TO ORDER: simply complete your details, and return with your payment to: CU Amiga Subscription Dept., Tower Publishing, Tower House, Lathkill St, Market Harborough, Leicester LE16 9EF.

RATES - 12 issues including postage.

U.K ONLY:

☐ £39.99 12 issues only. Offer code A1A
☐ £49.99 Please send me (tick 1 box): ☐ *Mastering Amiga DOS.*
Offer code A1B

EUROPE/REST OF WORLD (NOT INCLUDING BOOK OFFER):
☐ £55.00 REST OF WORLD SURFACE MAIL
☐ £60.00 EUROPE/EIRE AIRMAIL
☐ £90.00 REST OF WORLD ZONE 1 AIRMAIL
☐ £96.00 REST OF WORLD ZONE 2 AIRMAIL
☐ Please send me a year's subscription to CU AMIGA starting with next available issue.

METHOD OF PAYMENT: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐ Cheque/Postal Order/International Money Order payable to EMAP IMAGES LTD.
☐ Access/Visa
Expires ☐☐☐☐

Signature ....
Date..

Name: Mr/Mrs/Miss/Ms (please delete as appropriate)..
Address
....
....
....
....
....

Postcode ....
Tel..

SUBSCRIPTION ORDERS HOTLINE

(Between 9.00 and 5.30 Monday to Friday)

£1.00 PER DISK FOR 25 OR MORE DISKS!

P S D
THE PROFESSIONAL STANDARDS FOR DISTRIBUTION
ENDORSED BY COMMODORE UK

EST. 1991

A600/A1200
IF YOU OWN AN A500+, A600 OR AN A1200, THEN OWN A COPY OF
KICK 1.4
EM400

DELTRAX PD

Tel/Fax: 0492 515981

PUBLIC DOMAIN AND SHAREWARE AT ITS VERY BEST

A600 OWNERS GET NUMPAD EM397 TO GET MORE PROGS WORKING

CENTRAL LICENCEWARE

£1.00 PER DISK FOR 25 OR MORE DISKS!

EST. 1991

UTILITIES

- ☐ U1 **GHOSTWRITER** Demomaker, easy to use
- ☐ U1A **GHOSTWRITER DATA** For use with U1
- ☐ U42 **DISK SALVAGE DIR-UTIL** Repairs disks
- ☐ U58 **ANTI FLICKER** Stop Screen flicker
- ☐ U59 **WINDOWS BENCH** (2 disks) Excellent for W.B. 1.3
- ☐ U60 **MESSY SID II** Dir-tool Amiga to PC
- ☐ U91 **MCAD DEMO** Computer aided design
- ☐ U95 **ELECTROCAD DEMO** Latest circuit design
- ☐ U125 **CROSSDOS** Amiga to PC
- ☐ U183 **HACK PACK** (2 Disks) 72 Utils for code busters
- ☐ U190 **SID V2.0** Dir tool, excellent
- ☐ U230 **INSTALL** Install your disks without the CLI
- ☐ U282 **SUPER C DIR TOOLS** Fast use of C
- ☐ U318 **MULTIDOS** PC>Amiga
- ☐ U320 **CLI-UTILS** Very useful
- ☐ U323 **WINDOWS BENCH V2.0** (2 disks)
- ☐ U332 **ASSASSINS HANDY TOOLS V3.0**
- ☐ U346 **PROF DEMO CREATOR V1.1**
- ☐ U349 **SUPER POWER PACKERS**
- ☐ U392 **STD CODE FINDER U.K.**
- ☐ U399 **TOGGLE CLICK** A600/A1200 only-Stops drive click
- ☐ U404 **ENGINEERS KIT** Diagnostic tools
- ☐ U408 **TOOLS FANTASTICA**
- ☐ U412 **LYAPUNOVIA** Picture generator
- ☐ U413 **ARESTAURE** Mends deleted files
- ☐ U414 **FAST INTRO MAKER**
- ☐ U415 **P-COMPRESS** Packer
- ☐ U416 **S-TEXT** Text packer
- ☐ U423 **LYAPUNOV** Fractal generator
- ☐ U424 **ICON AUTHOR** Iff images for Icons
- ☐ U425 **AUTOSAVE** Save at intervals automatically
- ☐ U426 **EASY BENCH** (2 disks) WB2 and above
- ☐ U427 **MENU MASTER 3**
- ☐ U428 **PARNET** (2 disks) Link two Amigas
- ☐ U430 **XPK COMPRESSION UTILS**
- ☐ U431 **WB2 UTILS**
- ☐ U433 **AMOS PRINTER ROUTINE** For Amos progs
- ☐ U434 **V MORPH v 2B** Create great effects
- ☐ U435 **BANNER** Make your own
- ☐ U436 **HEAD CLEANER** For drives
- ☐ U437 **DISK SALV 2** Latest & greatest! WB2 & above
- ☐ U438 **CSH SHELL v 5.31** Easy to use
- ☐ U441 **DISK MASTER III**
- ☐ U443 **PP SHOW v 3.4a**
- ☐ U444 **HYPER** use with Amigaguide
- ☐ U445 **AMIGAGUIDE (2 disks)** Hypertext utility
- ☐ U446 **All v1.35** for archivers
- ☐ U447 **ADOC v3.01** help utility
- ☐ U448 **DISKTEST v2.03** checks integrity
- ☐ U449 **SOFTPROJECT** write protection
- ☐ U450 **SUPERDARK v1.2** screen blanker
- ☐ U451 **APRF v1.4** print utility
- ☐ U452 **GUIARC v1.1** for CLI based archivers
- ☐ U453 **LANDBUILDER v3.2** Fractal land gen.
- ☐ U454 **PC>AMIGA** file utility
- ☐ U455 **TRONICAD** electronic circuit design
- ☐ U456 **X-BENCH** (2 disks) replacement W.B.
- ☐ U457 **ROT-3D** drawing package
- ☐ U458 **SNOOPDOS** get progs working
- ☐ U459 **T.S. MORPH**
- ☐ U460 **AREXX GUIDE**
- ☐ U461 **DEANS CRUNCHERS**
- ☐ U462 **ASSASSINS FIX DISK 1**
- ☐ U463 **ASSASSINS FIX DISK 2**
- ☐ U464 **AF'S REPLACEMENT WB** (3 disks) not A1200
- ☐ U465 **T.A.C.K.** Anim. Const. Kit
- ☐ U466 **T.A.C.K.** Music Modules
- ☐ U467 **T.A.C.K.** Background Pics
- ☐ U468 **ZIPBENCH** (2 disks) not 1200
- ☐ U469 **SUPERVIEWER V2.4** Slideshow util.
- ☐ U471 **MINIMORPH**
- ☐ U474 **SPICE 3** Circuit Analysis
- ☐ U475 **SHUT UP v1.2** Stop Drive Click WB 2.04/3
- ☐ U476 **RUSH DIRECTORY** Utility
- ☐ U477 **SOLDERING DISK** Learn how
- ☐ U478 **ASSASSINS WORKBENCH UTILS** WB 2/3
- ☐ U479 **TWIN EXPRESS** (2 disks) Link Amiga to PC
- ☐ U480 **CATALOGUE 3** Good Cat. util.
- ☐ U481 **POLYED** Polygon editor 3D shapes
- ☐ U482 **MANDELPLOT** Mandelbrot generator
- ☐ U483 **ICONSPLUS 1** WB2+ – W.B. Icons
- ☐ U484 **ICONSPLUS 2** WB2+ – Good utils
- ☐ U485 **ICONSPLUS 3** WB2+ – More utils
- ☐ U486 **MAGNUM v1.7** – Disk Mag creator
- ☐ U487 **RUSH WB2+** Directory util

COMMUNICATIONS

- ☐ C 25 **COMMSOFT** Needs C26
- ☐ C 26 **COMMSPANION** Needs C25
- ☐ C 62 **AZ-COMM** Modem programme
- ☐ C222 **JR COMM v1.02** For modems
- ☐ C249 **TERM II v1.1** Comms prog WB2/3
- ☐ C303 **OPTI COMMS** Inc.N Comm 2
- ☐ C347 **SATELLITE TRACKER**
- ☐ C357 to C382 **AMATEUR RADIO 1 - 25** (25 disks)
- ☐ C383 **N COMM v3.0** Latest
- ☐ C384 **BBBBS** (3 disks) Bulletin board system
- ☐ C386 **SPOT** Fidonett util
- ☐ C387 **TERMINUS** JR Comm 2

VIRUS HELP

- ☐ VH 44 **MASTER VIRUS KILLERS v2.0**
- ☐ VH 93 **WARRIORS VIRUS KILLERS**
- ☐ VH218 **NEW SUPERKILLERS v2.5**
- ☐ VH235 **BOOTX V4.45** WB 1.3/2
- ☐ VH312 **LINK VIRUS DETECTOR**
- ☐ VH409 **EXTERMIN 8**
- ☐ VH411 **VIRUS Z v3.07**
- ☐ VH413 **ANTICICLOVIR v2** Link virus detector
- ☐ VH414 **VIRUS CHECKER v6.33**
- ☐ VH415 **SUPER VIRUS KILL** WB 2+
- ☐ VH416 **TRONIC VIRUS KILLERS**
- ☐ VH417 **VIRUS Z II** WB 2+
- ☐ VH418 **ASSASSINS VIRUS KILLERS**

EDUCATION

- ☐ E14 **TC ASTRONOMY** Book on a disk
- ☐ E15 **TC DINOSAURS** Learn about them
- ☐ E17 **SPELLCHECK** Learn foreign words
- ☐ E18 **TRANSLATOR** Spanish, French, Italian
- ☐ E23 **COLOUR THE ALPHABET** Very good
- ☐ E24 **DTP – FOR KIDS** Excellent
- ☐ E25 **ALGEBRA**
- ☐ E26 **MATHS WIZARD** Let the Wizard help
- ☐ E28 **BLACKBOARD MATHS**
- ☐ E30 **MR MEN STORIES** All your favourites - 1.3 only
- ☐ E31 **READY ROBOT** Full of games
- ☐ E32 **SCIENCE 1,2,3,4** (4 Disks) Physics
- ☐ E203 **MULTIPLOT vXLNE** (2 Disks) Data plotting prog
- ☐ E258 **MATHPLOT** Lin/log plotter
- ☐ E259 **PLOTTER v3.90** 2 dim math plots
- ☐ E311 **AMIGA TUTORIAL** Beginners will like this
- ☐ E322 **AGRAPH** Pie charts & others
- ☐ E334 **SACC TO SCHOOL** Kids puzzles, very good
- ☐ E335 **FIREWORK ALPHABET** Learning aid demo
- ☐ E336 **GRAMMAR** Correct your errors
- ☐ E337 **WORLD GEOGRAPHY** Very useful
- ☐ E338 **CHEMBALANCE** Chemical equations
- ☐ E339 **MATCH WITH HUMPTY**
- ☐ E340 **AMIGA WORLD** Info on every country on Earth
- ☐ E341 **SINGALONG NURSERY RHYMES**
- ☐ E342 **PICTURES & LETTERS**
- ☐ E344 **GREAT WOMEN OF OUR TIME**
- ☐ E345 **GAS TURBINE ENGINE** Anim.
- ☐ E346 **4 STROKE ENGINE** Anim.
- ☐ E347 **STEAM ENGINE** Anim.
- ☐ E348 **WW II HISTORY BOOK**
- ☐ E349 **A VISIT TO THE RED PLANET** Mars
- ☐ E350 **EVO** Evolution of man
- ☐ E351 **FRACTIONS**
- ☐ E352 **GCSE MATHS**
- ☐ E354 **COMMUNICATE** Sign, Braille, Morse, Flags
- ☐ E355 **LITTLE TRAVELLER** Tourist
- ☐ E356 **ASSASSINS BACK SKOOL** (3 disks)
- ☐ E357 **TWO STROKE PETROL ENGINE ANIM**
- ☐ E358 **JAPANESE** Learn the language
- ☐ E359 **KEYBOARD TRAINER v1.1** Typing tutor
- ☐ E360 **IRREGULAR VERBS** - Quiz
- ☐ E361 **HOW THE EARTH BEGAN**
- ☐ E362 **CHESS TUTOR**
- ☐ E363 **ELEMENTS**
- ☐ E364 **ANIMAL LAND 1** Ages 4+
- ☐ E365 **FLAGS OF THE WORLD** (3 disks)
- ☐ E366 **MATHS ADVENTURE**
- ☐ E367 **MATH TALK** Sound + Speech – ages 9+
- ☐ E368 **KIDS DISK 1** – Learning
- ☐ E369 **KIDS DISK 2** – Learning
- ☐ E370 **CHILDRENS FAVOURITES** Good Fun
- ☐ E371 **THE ATOM** (2 disks) All you need
- ☐ E372 **JUNIOR MATHS**
- ☐ E373 **READ & LEARN** (2 disks)
- ☐ E374 **WORD FACTORY** Spelling
- ☐ E375 **KIDS DISK 3**
- ☐ E376 **KIDS DISK 4**
- ☐ E377 **OUR SOLAR SYSTEM**
- ☐ E378 **PLANETARIUM**
- ☐ E379 **KIDS DTP 2**
- ☐ E380 **KIDS DTP EXTRAS**
- ☐ E381 **TOME OF MYTHS** (2 disks) Study Mythology
- ☐ E382 **STATES OF EUROPE** Facts, maps & info
- ☐ E383 **FRENCH VERB TESTER**
- ☐ E384 **CALCULUS COMBAT** Maths agility
- ☐ E385 **TUTANKHAMUN** (2 disks) Slides of treasures
- ☐ E386 **STERLING ENGINE** Anim
- ☐ E387 **GRAPH PRO** Produce graphs

EMULATORS

- ☐ EM 87 **SPECCY + 40 GAMES** 1.3 only
- ☐ EM141 **IBeM** PC emulator
- ☐ EM143 **ST EMULATOR** 1.3 only
- ☐ EM149 **C64 GAMES DISK 1** use with
- ☐ EM150 **C64 GAMES DISK 2** emulator
- ☐ EM215 **A64 EMULATOR v2.0*** (2 disks)
- ☐ EM306 **MS-DOS PROGS FOR PC TASK** (6 Disks)
- ☐ EM324 **KICKSTART 2** Upgrade WB1.3
- ☐ EM397 **NUMPAD** Numeric keypad
- ☐ EM400 **KICK 1.4** (Wb 2 & 3 only) Degrades to Kickstart 1.3
- ☐ EM412 **FAKEMEM** Degrades to 1.3/512k
- ☐ EM413 **KILL AGA v2** Turn off AGA chipset
- ☐ EM414 **KICKSTART 3** Upgrade WB2.
- ☐ EM415 **PC TASK v2.03**
- ☐ EM416 **SPECCY EMULATOR v1.7** All Amigas
- ☐ EM417 **S KICK** Switch WB 3.0 to 1.3
- ☐ EM418 **Z KICK** A600 emulator
- ☐ EM419 **DATASETTE 64** Transfer C64 prog
- ☐ EM421 **SPECCY GAMES** (12 disks) use with EM416

THE A64 EMULATOR V3.0

Latest version for all Amigas – run C64 disk drive and software + printers. File transfer – complete package – runs faster than original

Price £54.99
+ £1 p&p UK.
£2.50 Europe. £3.50 Overseas

PC TASK V2.0

Full version allows PC Software on all Amigas. Supports VGA on AGA machines. Requires min. 1 meg RAM + MS DOS V3.3+ Disk

Price £39.95
+ £1 p&p UK.
£2.50 Europe. £3.50 Overseas

MEGALOSOUND

The fast, full featured, direct to disk sampler with 8 bit stereo sound sampling hardware, comp. with manual. All Amigas. Also convert Speccy games direct to disk.

Price £34.99
+ £1 p&p UK.
£2.50 Europe. £3.50 Overseas

TURBOTAPE

Use with Megalosound to convert C64 tapes to use on A64 emulator.

Price £2.00

CD's CD's CD's CD's

FOR CDTV, A570, CD32

☐ CDPD 1	£19.95
☐ CDPD 2	£19.95
☐ CDPD 3	£19.95
☐ 17 BIT COLL (2 CD's)	£39.95
☐ 17 BIT CONT	£19.95
☐ WEIRD SCIENCE MULTIMEDIA TOOLKIT	£19.95
☐ GOLD FISH FF1-1,000 (2 CD's)	£29.99
☐ AMINET 2	£19.99
☐ WEIRD SCIENCE NETWORK	£14.99

POSTAGE - UK = 50p per CD
EUROPE = £1. OVERSEAS = £2.50

WE STOCK
FRED FISH 1 - 1,000
T BAG 1 - 79
SCOPE 1 - 221

HARD DRIVE UTILS

- ☐ HD102 **HARD DISK UTILS** Excellent collection
- ☐ HD223 **DELTRAX HD UTILS 1** Fileminder, HDClick
- ☐ HD396 **RE-ORG V2.3** Optimiser
- ☐ HD397 **HD CLICK v2.53**
- ☐ HD398 **MR BACKUP v1.14B**
- ☐ HD399 **BACKUP**
- ☐ HD400 **C DISK** Optimiser
- ☐ HD401 **HD STACKER** Double your space

PRINTER DRIVERS

- ☐ PD177 **PRINTER DRIVERS** (2 Disks)
- ☐ PD200 **PRINTER DRIVER GENERATOR**
- ☐ PD275 **JOY OF PRINTING** Drivers + fonts
- ☐ PD281 **PRINT STUDIO** 41 drivers – good
- ☐ PD327 **CANON PRINTER DRIVERS**
- ☐ PD328 **PRINTER DRIVERS UPDATE 3**
- ☐ PD335 **PRINTER DRIVERS** Canon BJ10e
- ☐ PD358 **CANON DRIVERS** BJ130 etc
- ☐ PD407 **DRIVERS** Star/Epson/ Pan/HP
- ☐ PD408 **HP550C Printer Driver**
- ☐ PD409 **HP PRINTER DRIVERS**
- ☐ PD410 **PROF PRINTER DRIVERS**
- ☐ PD411 **STAR PRINTER DRIVERS**
- ☐ PD412 **CANON STUDIO**
- ☐ PD413 **STAR STUDIO**
- ☐ PD414 **PANSONIC STUDIO**
- ☐ PD415 **PRINTER DRIVERS** - 112 in all!
- ☐ PD416 **PAGESTREAM PRINTER DRIVERS**

GRAPHICS

- ☐ GU163 **3D FONTS** (3 Disks)
- ☐ GU219 **TV GRAPHICS** (2 Disks)
- ☐ GU227 **REAL 3D FONTS**
- ☐ GU246 **CLIP-ART PORTFOLIO** (15 disks)
- ☐ GU261 **LARGE FONTS DISK**
- ☐ GU265 **SCANNES CLIP-ART** (3 Disks)
- ☐ GU269 **DYNAMITE FONTS**
- ☐ GU270 **FONTS & SURFACES**
- ☐ GU272 **CLIP-ART COLL** (8 Disks)
- ☐ GU273 **CLIP-ART VOL 1** (7 Disks)
- ☐ GU279 **DYNAMITE FONTS 2**
- ☐ GU280 **HACK FONTS 1** (2 Disks)
- ☐ GU283 **COSMOPOLITAN FONTS 1**
- ☐ GU284 **COSMOPOLITAN FONTS 2**
- ☐ GU285 **COSMOPOLITAN FONTS 3**
- ☐ GU286 **COSMOPOLITAN FONTS 4**
- ☐ GU289 **SONIC DEV CONVERTERS PACK**
- ☐ GU290 **BEATRIX POTTER CLIP-ART**
- ☐ GU300 **GELIGNITE FONTS**
- ☐ GU309 **RAY DANCE** (2 Disks)
- ☐ GU310 **T.S.P. PICTURE FONTS**
- ☐ GU311 **DISK MANAGER + FONTS** (Plus only)
- ☐ GU312 **SHADOW MAKER**
- ☐ GU313 **MOVIE MAKER**
- ☐ GU314 **ANIMATIONS BRIDGE V1.0**
- ☐ GU315 **PLOTTING & GRAPHICS**
- ☐ GU316 **DOCK ICONS**
- ☐ GU317 **ASSASSINS MULTI-VISION V1.0**
- ☐ GU318 **THE SNOWMAN CLIP-ART**
- ☐ GU319 **PAGESTREAM 2.1 FONTS** (5 disks)
- ☐ GU320 **WALT DISNEY CLIP-ART**
- ☐ GU321 **MAGNETIC PAGES V1.3**
- ☐ GU322 **COMPUTEREYES FONTS PACK 1**
- ☐ GU323 **COMPUTEREYES FONTS PACK 2**
- ☐ GU324 **COLOURED ICONS**
- ☐ GU325 **GRAPHICS RIPPER**
- ☐ GU362 **DIRECT ACTION** Anim creator
- ☐ GU363 **M.A.K.** Mandelbrot adv kit
- ☐ GU402 **FREE PAINT** Copy of DPaint
- ☐ GU403 **VIEWTEC v1.02** AGA graphics display
- ☐ GU404 **FONTS DISK 1** Large & small
- ☐ GU405 **DIGI FONTS** Good variety
- ☐ GU406 **COLOUR FONTS 1** Modern, Olde, Pica
- ☐ GU407 **COLOUR FONTS 2** Marble, Rocks, Grids
- ☐ GU408 **COLOUR FONTS 3** Dimond, Eye, Sun
- ☐ GU409 **COLOUR FONTS 4** Digi/Font brushes
- ☐ GU410 **COLOUR FONTS 5** Cinnam 8, 16 etc
- ☐ GU411 **COLOUR CLIP-ART** Hi/Med/Low for DTP
- ☐ GU412 **COLOUR CLIP-ART** Animals
- ☐ GU413 **CLIP-ART** Animals B&W IFF
- ☐ GU414 **CONTACH CLIPART 1** Cartoon, Zodiac
- ☐ GU415 **CONTACH CLIPART 2** Buildings, Xmas
- ☐ GU416 **CONTACH CLIPART 3** Signs, Teddys, Work
- ☐ GU417 **GRAPHICS TOOLS 2**
- ☐ GU418 **RAYSHADE** (3 Disks)
- ☐ GU419 **PRO PAGE TEMPLATES**
- ☐ GU420 **PRO PAGE HELP**
- ☐ GU421 **DPAINT TUTOR** Learn to use it
- ☐ GU422 **SPECTRA PAINT**
- ☐ GU423 **THE DESIGNER** Arcade backgrounds
- ☐ GU424 **RJ UTILS** Perfect Paint, Image W/Shop
- ☐ GU425 **FONT FARM 3**
- ☐ GU426 **FONT FARM 1**
- ☐ GU427 **FONT FARM 2**
- ☐ GU428 **VIEW 3.2** Anim Player
- ☐ GU429 **HAM LAB PRO v2.08** Picture Converter
- ☐ GU430 **ICONS GALORE**
- ☐ GU431 **STILL STORE**
- ☐ GU460 **QUICK GRAB** AGA
- ☐ GU462 **POST** Postscript interpreter
- ☐ GU463 **POST SCRIPT FONTS 1**
- ☐ GU464 **POST SCRIPT FONTS 2**
- ☐ GU465 **POST SCRIPT FONTS 3**
- ☐ GU466 **GELIGNITE FONTS 4**
- ☐ GU467 **ULTRAPAINT**
- ☐ GU468 **ARTISTIKS** Art package
- ☐ GU469 **BLUE ROSE FONTS 1**
- ☐ GU470 **BLUE ROSE FONTS 2**
- ☐ GU471 **IMAGINE OBJECTS & JPEG TEXTURES** (6 Disks)
- ☐ GU472 **SCALA BACKGROUNDS** (2 Disks) Hi-Res
- ☐ GU473 **RUSSIAN FONTS**
- ☐ GU474 **COMPUGRAPHIC FONTS** (7 disks)

COLOURED CLIPART

- ☐ CC1 **WORLD MAPS** (10 disks)
- ☐ CC2 **ACTORS** (2 disks) Famous faces
- ☐ CC3 **CATS** 16 pics
- ☐ CC4 **AIRCRAFT** (2 disks) 32 pics
- ☐ CC5 **DOGS** (8 disks) Assorted
- ☐ CC6 **BIRDS** (8 disks) All sorts
- ☐ CC7 **MONTAGE LANDSCAPES** (2 disks)
- ☐ CC8 **MONTAGE WILDLIFE**
- ☐ CC9 **REPTILES**

SUPERB QUALITY CLIPART

- ☐ GU326 **ART 1** (2 Disks) Weddings
- ☐ GU327 **ART 2** (2 Disks) Houses
- ☐ GU328 **ART 3** (3 Disks) Religious
- ☐ GU329 **ART 4** WWII Aircraft
- ☐ GU330 **ART 5** (2 Disks) Men
- ☐ GU331 **ART 6** (2 Disks) Women
- ☐ GU332 **ART 7** (2 Disks) Kids
- ☐ GU333 **ART 8** Business
- ☐ GU334 **ART 9** Office
- ☐ GU335 **ART 10** Students
- ☐ GU336 **ART 11** Sale
- ☐ GU337 **ART 12** (3 Disks) Christmas
- ☐ GU338 **ART 13** (3 Disks) Punch
- ☐ GU339 **ART 14** Animals
- ☐ GU340 **ART 15** Cats
- ☐ GU341 **ART 16** Silhouettes
- ☐ GU342 **ART 17** (2 Disks) Schools
- ☐ GU343 **ART 18** Babies
- ☐ GU344 **ART 19** (2 Disks) Sport
- ☐ GU345 **ART 20** Olympic
- ☐ GU346 **ART 21** (2 Disks) Medical
- ☐ GU347 **ART 22** Sea Life
- ☐ GU348 **ART 23** Decorative Months
- ☐ GU349 **ART 24** Whacky (funny)
- ☐ GU350 **ART 25** Holidays
- ☐ GU351 **ART 26** (2 Disks) Old banners
- ☐ GU352 **ART 27** Art Nouveau flowers
- ☐ GU353 **ART 28** Butterflies
- ☐ GU354 **ART 29** (2 Disks) Food & kitchen
- ☐ GU355 **ART 30** Colouring book (DPaint)
- ☐ GU356 **ART 31** Borders (DTP) (2 Disks)
- ☐ GU357 **ART 32** (2 Disks) MAC clipart
- ☐ GU358 **ART 33** Hornback (scenic)
- ☐ GU359 **ART 34** (2 Disks) Teddy Bears
- ☐ GU360 **ART 35** (2 Disks) Vanity Fair (fashion)
- ☐ GU361 **ART 36** Halloween (weird)
- ☐ GU364 **ART 37** Showtime (dancing etc)
- ☐ GU365 **ART 38** Vegetarian
- ☐ GU366 **ART 39** Floral (detailed)
- ☐ GU367 **ART 40** Myths & Zodiac
- ☐ GU432 **ART 51** Botanical art
- ☐ GU433 **ART 52** Family scenes (2 Disks)
- ☐ GU434 **ART 53** Golf Humour (2 Disks)
- ☐ GU435 **ART 54** Space & transport
- ☐ GU436 **ART 55** Soft scene 2–Rural pics
- ☐ GU437 **ART 56** Sports 3
- ☐ GU438 **ART 57** Navy
- ☐ GU439 **ART 58** Travel (2 Disks)
- ☐ GU440 **ART 59** Alphabet (2 Disks)
- ☐ GU441 **ART 60** Accents & Flashes – stars etc.
- ☐ GU442 **ART 61** Fish & aquatic pics
- ☐ GU443 **ART 62** Softscene 3
- ☐ GU444 **ART 63** Restaurant (3 disks)
- ☐ GU445 **ART 64** Mammals
- ☐ GU446 **ART 65** Anim & bird
- ☐ GU447 **ART 66** Mossburn animals
- ☐ GU448 **ART 67** Burchfield kids
- ☐ GU449 **ART 68** Beast & Myth (3 Disks)
- ☐ GU450 **ART 69** Transport (3 Disks)
- ☐ GU451 **ART 70** Trucks & trains
- ☐ GU452 **ART 71** Astrology (2 Disks)
- ☐ GU453 **ART 72** Aircraft (3 Disks)
- ☐ GU454 **ART 73** Birds – songbirds etc.
- ☐ GU455 **ART 74** Dogs
- ☐ GU456 **ART 75** Houses, castles & buildings
- ☐ GU457 **ART 76** Sports – Mac
- ☐ GU458 **ART 77** Horticulture (5 Disks)
- ☐ GU459 **ART 78** Military (10 Disks)

BUSINESS

- ☐ BU86 **JOURNAL** Accounts, simple to use
- ☐ BU96 **AMIBASE V3.76** Database
- ☐ BU104 **BANK'N** Cheque account
- ☐ BU105 **AMICASH BANKIN** Accounts
- ☐ BU106 **Q BASE & SPREADSHEET** Addresses
- ☐ BU108 **VISICALC SPREADSHEET** Like Lotus 123
- ☐ BU111 **ANALYTICALC** * (2) Spread-sheet, powerful
- ☐ BU112 **FLEXIBASE V2.0** DBase
- ☐ BU124 **BUSINESS CARD MAKER**
- ☐ BU128 **SCALC & WORDWRIGHT** Spread/w. proc.
- ☐ BU129 **WORDWRIGHT & SPELL** W/proc and check
- ☐ BU131 **U-EDIT W/PROCESSOR**
- ☐ BU132 **TEXTPLUS W/PROCESSOR**
- ☐ BU133 **600 BUSINESS LETTERS** Just load 'em in
- ☐ BU135 **AMIGAFOX DTP V1.1** Puts pics with text
- ☐ BU136 **AMIGASPELL** Spellchecker
- ☐ BU137 **WORD FRENZY-DBASE & SPELL**
- ☐ BU138 **AMIGAFOX V1.0** W/Processor
- ☐ BU145 **TEXT ENGINE V4.1** W/Processor latest
- ☐ BU152 **AMIBASE PROF II V1.2** D/Base
- ☐ BU158 **MICROGNUEMACS** Text editor
- ☐ BU162 **A-Z SPELL** Spellchecker
- ☐ BU171 **ILLINOIS LABEL PRINTING**
- ☐ BU172 **INVOICE PRINTER**
- ☐ BU186 **CLERK V4.0** Accounts – latest
- ☐ BU204 **MAIL-O-DEX** Mail Database
- ☐ BU212 **LABEL DESIGNER**
- ☐ BU231 **SPELLCHECK V1.2**
- ☐ BU248 **CHECKBOOK ACCOUNTANT** Very good
- ☐ BU251 **BUDGET V1.3-4** Finances
- ☐ BU254 **SUPERSPELL** Global spell check
- ☐ BU301 **FORMS UNLIMITED** Loads
- ☐ BU304 **P SUITE V1.4**
- ☐ BU314 **P WRITER** Text editor
- ☐ BU324 **WORDPOWER** Thesaurus
- ☐ BU326 **ADDRESS BOOK**
- ☐ BU327 **BOILER PLATE** W/Processor & Bus. letters
- ☐ BU328 **LITTLE OFFICE** WP, S/S, D/B + Graphix
- ☐ BU329 **MORTGAGES ANALYSER**
- ☐ BU330 **PRINT A CARD** Design
- ☐ BU332 **AMIGA MAIL** Address lists
- ☐ BU334 **PC FORM LETTERS**
- ☐ BU335 **PAY ADVICE ANALYSER v3.0** P.A.Y.E., N.I. etc
- ☐ BU336 **MONEY PROG** * Good accounts
- ☐ BU337 **CHEQUE BOOK** Accounts prog
- ☐ BU339 **D LAB** Disk labeller
- ☐ BU340 **LOGINFO** Phone bills for modem
- ☐ BU341 **EASYCALC** New spreadsheet
- ☐ BU181 **B BASE III** Database
- ☐ BU319 **ORDER v1.7** Database
- ☐ BU342 **LS LABEL** Label print
- ☐ BU343 **DATABASE WIZARD**
- ☐ BU398 **ADDRESS PRINT v3.0**
- ☐ BU399 **TEXTPLUS v5.01** Hard Drive only - latest
- ☐ BU400 **ENVPRINT** Address envelopes
- ☐ BU401 **P.E. PRINT UTILS** Labelling progs
- ☐ BU402 **TRUE ED** Excellent editor
- ☐ BU403 **FTX ACCOUNTS**
- ☐ BU404 **ACCOUNT MASTER 2.12**
- ☐ BU405 **TURBO TEXT v1.1** very impressive w.process
- ☐ BU406 **ADM v1.01** Flexible address d/base
- ☐ BU407 **A-BASE** Great database
- ☐ BU408 **GOLD ED** (2 disks) Fully functional - fantastic!
- ☐ BU409 **FH SPREAD** - New spreadsheet
- ☐ BU410 **BUDBASE v1.2** Easy to use d/base
- ☐ BU411 **EASYCALC PLUS** Good spreadsheet WB2+ on
- ☐ BU412 **AMIGABASE** Excellent database
- ☐ BU413 **BANK v1.0** Accounts programme
- ☐ BU414 **INVENTORY II** Stock control & wages
- ☐ BU415 **AMIGA DIARY v1.13**
- ☐ BU416 **PAYROL**
- ☐ BU417 **EASYPRINT** (1.3 only)
- ☐ BU418 **PERSONAL ADDRESS BOOK** (Password)
- ☐ BU419 **PERSONAL JOURNAL** (Secret Diary)
- ☐ BU420 **WOMBLE VOL 1** Database etc.
- ☐ BU421 **ON FORM v1.1** Invoice/Order printer
- ☐ BU422 **EDWORD PROFESSIONAL v4.0** Text editor

HOBBIES

- ☐ H 88 **CROSSWORD DESIGNER**
- ☐ H148 **A-GENE** Family history
- ☐ H175 **GOLF RECORDER v 1.84**
- ☐ H202 **ROAD ROUTE USA**
- ☐ H214 **FOOTBALL LEAGUE EDITOR**
- ☐ H247 **CALORIE BASE** For recipies
- ☐ H250 **DARTS LEAGUE D/BASE**
- ☐ H299 **WHOM 2** Data on TV progs.
- ☐ H302 **LAST WILL & TESTAMENT**
- ☐ H305 **ASTRO 22 v 3.5** Latest astrology
- ☐ H307 **FAMILY HISTORY D/BASE**
- ☐ H310 **TEN PIN BOWLING D/BASE**
- ☐ H333 **AMIGA PUNT** Horse racing
- ☐ H336 **PERM CHECK v1.0** Pools predicter
- ☐ H342 **STITCHERY** Cross stitch work
- ☐ H359 **RACE RATER** Horse predicter
- ☐ H360 **QUESTION ATORT** Quizmaker
- ☐ H361 **NEW BIORYTHMS** Excellent prog.
- ☐ H362 **WINE MAKERS D/BASE**
- ☐ H363 **CYCLING M** Useful
- ☐ H364 **DARTS MACHINE** Score recorder
- ☐ H365 **AMYGEN** Family history
- ☐ H366 **POOLS WIZARD** Demo
- ☐ H367 **MING SHU** Chinese Astrology
- ☐ H368 **ASTRONOMY 2** Data & graphics
- ☐ H369 **AMERICAN FOOTBALL** (2 Disks) Rules
- ☐ H370 **LANDSCAPE GARDENING**
- ☐ H371 **GENEOLOGIST** WB2 and above
- ☐ H372 **TOP OF THE LEAGUE** Football Manager
- ☐ H373 **COURSE FORM** Horse racing
- ☐ H374 **FORECASTER** Horse race predictor
- ☐ H375 **STARVIEW** Astronomers
- ☐ H376 **CODE MUNGUS v5.7** Highway Code
- ☐ H377 **FOOTBALL FORECAST DEMO**
- ☐ H378 **BON APPETITE** Recipe database
- ☐ H379 **POOLS TOOLS 2** Pools progs.
- ☐ H380 **SEE THE AURA** (2 disks) human aura
- ☐ H381 **PHOTOGRAPHY** About the Dark Room
- ☐ H382 **DSOLVE CROSSWORD** Solve them
- ☐ H383 **PROFESSIONAL BINGO**
- ☐ H384 **WORD UTILITIES** Word puzzle solver
- ☐ H385 **KITE SIMULATOR** Fly your kite!
- ☐ H386 **POOLS WIZARD JUNIOR V1.0**
- ☐ H387 **SPIDERSOFT UTILS** Garden Designer
- ☐ H388 **GENIE** Family History
- ☐ H389 **STOCK ANALYST** Stocks & Shares
- ☐ H390 **WHOM 3** Part 2
- ☐ H391 **WHOM 3** Part 3
- ☐ H392 **TAROT** (2 disks) Birthsigns
- ☐ H393 **KNIT** Create patterns
- ☐ H394 **GOLF GURU V1.2** Keep golf scores
- ☐ H395 **FOOTY V1.4** Football League Editor
- ☐ H396 **DIVIDEND WINNER** Football
- ☐ H397 **RED DWARF TRIVIA**
- ☐ H398 **SCION** - family history d/base
- ☐ H399 **SHAREMAN** - stock market manager
- ☐ H400 **M.O.R.C. v2** (2 disks) Rune caster – New
- ☐ H401 **THE MYSTERIES OF RUNES** all the signs
- ☐ H402 **DVLI** Personality profiler

COPIERS

- ☐ CP234 **FLASH COPY** Multi-tasking
- ☐ CP257 **FREE COPY v1.8** Removes protection
- ☐ CP313 **NIB v2.0** Removes protection (1.3 only)
- ☐ CP340 **ASI CRUNCH 'N' COPY 2** Collection
- ☐ CP341 **COOL COPIER v2.0** Fast & safe
- ☐ CP348 **ASI DISK COPIERS** Collection
- ☐ CP349 **LOCK PIC 2** Removes protection
- ☐ CP350 **D COPY v3.1**
- ☐ CP351 **MAVERICK COPIER** Rem. protection
- ☐ CP352 **SAFE II** Powerful copier
- ☐ CP354 **THE DISK UTIL** WB2+
- ☐ CP355 **SUPER FORMATTER v1.0d**
- ☐ CP356 **SUPERDUPER v2.02**
- ☐ CP357 **BAD FORMAT** Run Bad disks
- ☐ CP358 **COPIERS UNLIMITED**
- ☐ CP360 **DISKMATE** V.Good (WB2.04+)
- ☐ CP361 **SUPERDUPER v3.0** WB2.04+

PROGRAMMING

- ☐ PR 47 **C LANGUAGE MANUAL** (3 Disks)
- ☐ PR 49 **C LANGUAGE COMPILER**
- ☐ PR 72 **PASCAL LANG PROG**
- ☐ PR 94 **POWER LOGO v1.4** Lisp & Logo
- ☐ PR110 **PDC** (3 Disks) Programmers aid
- ☐ PR118 **BC-FORTRAN**
- ☐ PR166 **AMIGA CODERS CLUB** (6 Disks)
- ☐ PR225 **CURSOR COMPILER** Basic language
- ☐ PR239 **DME V1.45** Programmers Text Editor
- ☐ PR243 **DICE v2.5** (2 Disks) C Environment
- ☐ PR244 **PCQ v1.2a** (3 Disks) Pascal compiler
- ☐ PR326 **SOZOBAN C DISK** AZ Text link compiler
- ☐ PR355 **ASM ONE** Assembly package
- ☐ PR357 **EZASM** Assemblers
- ☐ PR358 **C MANUAL** (12 Disks) The best yet!
- ☐ PR359 **NORTH 'C'** v1.3 (2 Disks)
- ☐ PR361 **ATTIC & BLIT** Useful for 'C' progs.
- ☐ PR362 **AMIGA E** v2.1 Better than C
- ☐ PR363 **AZAPP v2.04** binary editor
- ☐ PR364 **INSTALLER** for software developers
- ☐ PR365 **MPE v1.6** M2Amiga companion
- ☐ PR366 **MODULA-2** language
- ☐ PR367 **GNU++C COMPILER** (3 Disks)
- ☐ PR368 **PCQ SHELL** Pascal Compiler
- ☐ PR369 **'C' LANGUAGE MANUAL v2.0** (4 disks)
- ☐ PR370 **C++ 2LATEX** Make Latex files from C++
- ☐ PR371 **AMI LOGO v1.4** Logo

MUSIC UTILITIES

- ☐ MU2 **MODULES ONE**
- ☐ MU3 **MODULES TWO**
- ☐ MU4 **MODULES THREE**
- ☐ MU5 **MODULES FOUR**
- ☐ MU6 **MODULES FIVE**
- ☐ MU7 **MODULES SIX**
- ☐ MU10 - MU47 **ST SAMPLES & INSTRUMENTS** (38 Disks) or buy singly
- ☐ MU193 **OCTAMED v1.0b FF579** Music editor
- ☐ MU256 **MULTI-PLAYER V1.11A** Music
- ☐ MU317 **DENNIS SAMPLES DISK 2** Madonna etc
- ☐ MU318 **DENNIS SAMPLES DISK 3** Baby cough etc
- ☐ MU319 **DENNIS SAMPLES DISK 4** Telephone etc
- ☐ MU321 **DENNIS SAMPLES DISK 6** Star Trek etc
- ☐ MU322 **DENNIS SAMPLES DISK 7** Heavy monster etc
- ☐ MU323 **ASSASSINS AUDIO MAGIC VOL 1.1** Lots
- ☐ MU324 **ASSASSINS AUDIO MAGIC VOL 2** Trackers
- ☐ MU325 **SOUND APPLICATIONS A & B** (2 Disks)
- ☐ MU326 **MEGA MON v 3.20**
- ☐ MU327 **SAMPLE MAKER**
- ☐ MU328 **CASIO CZ-101**
- ☐ MU329 **DX 100**
- ☐ MU330 **PENDLE EUROPA**
- ☐ MU332 **INSTRUMENTS & SAMPLES**
- ☐ MU333 **PROTRACKER v2.2**
- ☐ MU338 **ASI AUDIO MAGIC Vol 4** Inc Pro Tracker v3
- ☐ MU339 **OCTAMED V2.0** 8 channel MED sequencer
- ☐ MU340 **CDTV PLAYER** Simplifies audio CD's
- ☐ MU341 **SUPERSOUND v2.1** Sound sampling
- ☐ MU342 **SOUND** Sample player
- ☐ MU343 **GUIDE TO ELECTRONIC MUSIC** (3 disks)
- ☐ MU344 **TAB MASTER** Music to guitar translator
- ☐ MU345 **POWERCUTS** Good sound effect sampler
- ☐ MU346 **BEATS** (5 disks) Drum Samples
- ☐ MU347 **VOCALS** (5 disks) Super Samples
- ☐ MU348 **DRUM KIT SAMPLES** (3 disks) High qual
- ☐ MU349 **KORG SAMPLES** Keyboard Sounds (3 di
- ☐ MU350 **MUSIC MODULES** (5 disks) Large modu
- ☐ MU351 **PURE SAMPLES** (3 disks)
- ☐ MU352 **METAL MODULES** (5 disks) Heavy Metal
- ☐ MU353 **CHIPMANS SAMPLE DISK** 1-70 Samples
- ☐ MU354 **SAMPLE FACTORY** Sound effects
- ☐ MU355 **DELITRACKER** Sound player
- ☐ MU356 **POWER PLAYER v3.9** module player
- ☐ MU357 **IFF BREAKBEATS 1**
- ☐ MU358 **TECHNO MODULES 1-5** (5 disks)
- ☐ MU359 **OCTAROCK 3D** Rock + Grafix
- ☐ MU360 **OCTASTUFF** For Octamed v3 &4
- ☐ MU361 **GUITAR TUNER**
- ☐ MU362 **MEGA MONITOR** - ripper
- ☐ MU363 **OCTAMED TUTOR** (Not 1.3)
- ☐ MU364 **FLUTE CONCERTOS** WB2+
- ☐ MU365 **HORN CONCERTOS** (2 disks) WB2+
- ☐ MU366 **CHURCH MUSIC**
- ☐ MU367 **MUG DRUMKIT SAMPLES** (2 disks)
- ☐ MU368 **MUG BASS SAMPLES**
- ☐ MU369 **SAMPLES UNLIMITED 1** Good quality
- ☐ MU370 **NO SAMPLER UTILS** rippes, modules etc
- ☐ MU371 **XBEAT SEQUENCER** Mega!

VIDEO WORK

- ☐ V 99 **CATALOGUE WORKSHOP 1**
- ☐ V100 **CATALOGUE WORKSHOP 2**
- ☐ V179 **VIDEO APPLICATION UTILS**
- ☐ V180 **VIDI FONTS 1**
- ☐ V220 **VIDEO GRAPHICS** (4 Disks)
- ☐ V236 **CHEMNIMATE** Reaction anims
- ☐ V345 **VIDEO WIPES**
- ☐ V401 **INSCRIPT** Video titler
- ☐ V402 **TELE TITLER 2** Hi-res – use with V408
- ☐ V403 **VIDEO EDITORS KIT**
- ☐ V404 **CAPTIONATOR** Superb video titler
- ☐ V405 **HARLEQUIN VIDEO ART 1**
- ☐ V406 **HARLEQUIN VIDEO FONTS 1**
- ☐ V407 **HARLEQUIN VIDEO FONTS 2**
- ☐ V408 **TELESCROLL 1** Video titler
- ☐ V409 **TELETITLER 3** Lo-res – use with V408
- ☐ V410 **DESKTOP VIDEO** Add scrolling titles
- ☐ V411 **VIDEO WORKSHOP** Borders & Fonts
- ☐ V412 **ASSASSINS VIDEO TITLERS**
- ☐ V413 **WEDDINGS DTV** (2 Disks) Brushes, Pics, Anim

A1200

- ☐ WS1-5 **WEIRD SCIENCE** S/Show & music (5 disks)
- ☐ SH1-6 **SUPER HAM PICS** (6 disks) Brill!
- ☐ AU12 **JPEG AGA IMAGES** (9 disks) Superb!
- ☐ AU13 **BAD BOYZ AGA SLIDES** (10 disks) Fab!
- ☐ AU14 **SLEEPLESS NIGHTS** – 3 utilities
- ☐ AU15 **A1200 UTILITIES** – Gif & PCX datatypes etc
- ☐ AU16 **A1200 WB HACKS**
- ☐ AU17 **ANDY'S WB3 UTILS** Brill! Fakemem, AGAtest
- ☐ AU18 **24 BIT UTILS** – 3 conversions progs
- ☐ AU19 **WINBLEND** Fractal generator
- ☐ AU20 **JPEG UTILS** Rend 24 convertor pics
- ☐ AU21 **HD PREP** preps hard drive
- ☐ AU22 **HDMEM** needs MMU
- ☐ AU23 **RD PREP** preps rigid disk
- ☐ AU24 **HD INSTALLER**
- ☐ AU25 **MAGIC WORKBENCH** Superb icons (HD only)
- ☐ AU26 **AGA UTILITIES 2** 256 colour icon ed etc
- ☐ AU27 **AGA UTILITIES 3** Kill aga etc
- ☐ AU28 **AGA UTILITIES 4** Bblank, checkaga etc
- ☐ AU29 **AGA UTILITIES 5** Degrader, AMIGA to double
- ☐ AU30 **AGA UTILITIES 6** A4091 patch, Ham8, etc.
- ☐ AU31 **A1200 VIRUS KILLERS**
- ☐ AU32 **NEW WB3 SUPER KILLERS**
- ☐ AU33 **A1200 INTROS**
- ☐ AU34 **HOY AGA DEMO 1**
- ☐ AU35 **HOY AGA DEMO 2**
- ☐ AU36 **NIGHTBREED** (2 disks) AGA sliedes
- ☐ AU37 **FERRARI AGA SLIDES**
- ☐ AU38 **CYNOSTIC SLIDES**
- ☐ AU39 **KEITH RHODES PICS** Fantasy
- ☐ AU40 **RETINA BURN AGA** Brill demo
- ☐ AU41 **PANTARHEI AGA** Great new demo
- ☐ AU43 **MSM v1.8** for programmers
- ☐ AU44 **MAIN ACTOR** Modular anim. package
- ☐ AU45 **AGA BLANKER** – 14 different ones
- ☐ AU46 **STARTREK PICS 1-5** (5 disks)
- ☐ AU47 **MAGIC FACTORY SLIDES 1** – Brill Sci-Fi
- ☐ AU48 **MAGIC FACTORY SLIDES 2** – More Sci-Fi
- ☐ AU49 **PYGMY PROJ. EXTENSION** – Rave
- ☐ AU50 **POINT OF SALE DEMO** – Superb
- ☐ AU51 **BLACKBOARD** – Image Processor
- ☐ AU53 **WB3 BACKGROUNDS**
- ☐ AU54 **KILL AGA v2** Turn off AGA chipset
- ☐ AU55 **KLONDIKE AGA** (3 disks)
- ☐ AU56 **MOTOROLA INVADERS 2** (2 disks)
- ☐ AU57 **UCHESS** (4Mb RAM req'd)
- ☐ AU58 **AGA TETRIS**
- ☐ AU59 **STEVE PACKER** (10 disks) Animations
- ☐ AU60 **NIGHTBREED** AGA Frac Flight
- ☐ AU61 **MEGABALL 3** AGA
- ☐ AU62 **WB3 DATATYPES + COMMANDS** (2 disks)
- ☐ AU63 **AGA SOFTWARE COMP** (4 disks)
- ☐ AU64 **AGA ANIM. PLAYER + TOOLS** (2 disks)
- ☐ AU65 **AGA+ PICASSO COMP** Molecular render
- ☐ AU66 **TEXTURE MAPPING** demo (2 disks)
- ☐ AU67 **ALERT TIMER** System alert timing
- ☐ AU68 **VTEK VIEWER** with AGA support
- ☐ AU69 **VOLCANO** New AGA Megademo
- ☐ AU70 **XANADU** Superb AGA demo
- ☐ AU71 **IT SMELLS LIKE CHANNEL No5** Brilliant
- ☐ AU72 **ASSASSINS MULTIVISION AGA** Excellent
- ☐ AU73 **JPEG DATATYPES**
- ☐ AU74 **CHROMAGIC AGA** Dual crew music
- ☐ AU75 **MANGA SLIDES AGA** (4 disks)

GAMES

☐ **MEGABALL** Breakout – very addictive
☐ **STAR TREK I** (2 disks) Space (Not A1200)
☐ **CASTLE OF DOOM** Adventure
☐ **GOLDEN FLEECE** Text only adventure
☐ **CARD GAMES** Harp, Plait, Queens etc
☐ **RETURN TO EARTH** Elite type
☐ **LLAMATRON** 512K & 1Mb Shoot 'em up
☐ **ESCAPE FROM JOVI** Space Arcade
☐ **BATTLEFORCE** Fantasy roll playing game
☐ **DRAGON CAVE** Dungeon Master type
☐ **GREYSLAYER** Arcade adventure
☐ **STAR TREK 2** (3 disks)Not 1200
☐ **FRUIT MACHINE** * Excellent
☐ **MECHFORCE** (2 Disks) RPG
☐ **AIR ACE II** World War 2 S.E.U.
☐ **TREASURE HUNT** (6-8 yrs)
☐ **CHEAT LIST GAMES V1.0**
☐ **TREK-73** Space text adv
☐ **ZEUS – THE GAME** Puzz tiles
☐ **DUNGEON DELVER** (2 Disks) Mazes
☐ **PICK UP A PUZZLE** * (2 Disks) Jigsaws
☐ **CHAINSAW DEATH** * Futuristic maze type
☐ **CAN YOU PICTURE IT** * (2 Disks) Jigsaw
☐ **BALLOONACY** * Bomb the skyscrapers
☐ **BLACKJACK** Card game
☐ **AMIGAMAN GAMES** 10 games
☐ **STAR TREK THE NEXT GENERATION** (Not A1200)
☐ **HACK** Text adv
☐ **DRAGON TILES** Great tiles game
☐ **BOARD GAMES**
☐ **ATIK ATAK** C64 game
☐ **BART SIMPSON** Scrolling S.E.U.
☐ G125 **RAMIFY** Pairing
☐ G126 **RUSH HOUR** Frogger – Get across the road
☐ G130 **WIZARD WORLD** S.E.U. Platform
☐ G131 **WORLD OF FOOLS** Shoot em up
☐ G133 **CARD SHARP** 5 card games
☐ G134 **TOTAL WAR** Risk type
☐ G136 **SKYFLYER** WWII S.E.U.
☐ G137 **PUGGLES** Q'bert brill
☐ G138 **SQUATS REVENGE** Wolf clone
☐ G139 **PAIR IT** Shapes
☐ G140 **GAMES COMPILATION I** 6 games
☐ G141 **ATLANTIS I** Strategy
☐ G142 **NAPOLEONIC WAR SIMULATION** Strategy
☐ G143 **MISSION RAID PART II** S.E.U.
☐ G144 **SNAKES & LADDERS** Good
☐ G145 **GAMES GALORE VOL 7** For the young
☐ G146 **AIR WARRIOR** Flight simulation

☐ G152 **DUNGEONS OF NADROJ** Hacktype
☐ G153 **QUICK & SILVER** Platform. Excellent
☐ G154 **MASTER OF THE TOWN** Shoot the sign posts
☐ G156 **ETHOS** Text adv + pics
☐ G157 **BATTLE CARS** 3D cars S.E.U.
☐ G158 **CHALLENGER** Quiz - 5 player
☐ G182 **CATACOMB** Graphic adv – very well done
☐ G183 **KINGDOM AT WAR** War games
☐ G184 **SMASH TV RIPOFF** S.E.U. Futuristic
☐ G185 **DOODY** Mario type platform
☐ G186 **PICK OUT** Pair it. V. good
☐ G187 **NU-SHOOT EM UP** Space
☐ G189 **STRIKE BALL** Baseball. Brill!
☐ G192 **CRAZY SUE** Platform. 1st rate
☐ G193 **HENRY IN PANIC** Manic Miner type
☐ G194 **CONCENTRATION V3.3** Pair it type
☐ G195 **DESTINATION MOONBASE** Thrust
☐ G196 **ESCAPE FROM JOVI III** Caves
☐ G197 **NO MANS LAND** War S.E.U.
☐ G198 **DOMINOES** V. Good
☐ G200 **MIDNIGHT THIEF GAME** Adv
☐ G204 **GRUB GRABBER II** Help Elvin! Avoid gremlin
☐ G205 **SWORD OF WORLOCK** 3 disk Adv.
☐ G206 **A NIGHT AT THE TOP** Terrorist adv
☐ G208 **QUADRIX** Puzz. Excellent
☐ G209 **YUM YUM** * Pacman
☐ G210 **REVENGE MUTANT CAMELS** S.E.U.
☐ G211 **BATTLEMENTS** Hunchback platform
☐ G212 **LEMMINGOIDS** Blast them!
☐ G218 **KARATE WORM** Platform-cute
☐ G219 **SNAKE IN THE GRASS** Platform – neat
☐ G221 **WIZARDS DOMAIN** Graphic adv
☐ G222 **PIXIE KINGDOM** (2 disks)
☐ G223 **ARCADIA** Breakout – very popular
☐ G224 **PORK A PORK** Stop the foxes
☐ G225 **MR BRICK** – Mario type
☐ G226 **RAID III** S.E.U. – wicked
☐ G227 **SERENE III**
☐ G228 **WOTSITSNAME** Quiz
☐ G229 **TETREN** – tetris
☐ G230 **NUMPTY & THE ALIEN INVADERS**
☐ G233 **OMEGA RACE** S.E.U. Great
☐ G234 **MENTAL IMAGES DISK 2** 3 games
☐ G262 **MR & MRS** Young platform – very good
☐ G263 **TANX** Great 98%
☐ G264 **DEFENDA** Arcade 95% Brilliant conversion
☐ G265 **GRAND PRIX SIMULATOR** Mega
☐ G266 **NUMBER FUMBLER** Number puzzle
☐ G267 **LEMMINGOIDS** Blast away

☐ G268 **GROWTH**
☐ G270 **PROJECT 1**
☐ G271 **LAZER ZONE**
☐ G272 **LEMMINGS PACK**
☐ G273 **THE MAZE GAME**
☐ G275 **APIDYA**
☐ G276 **SHOOT OUT**
☐ G277 **SUPER SKODA CHALLENGE**
☐ G278 **COMPUTER CONFLICT 2**
☐ G279 **ANTEP & SLOT CARS GAME** RPG
☐ G280 **TRICKY & THE TURN GAME**
☐ G283 **CARD GAMES 2**
☐ G285 **MIND GAMES 21**
☐ G286 **HYPER TEXT CHEATS**
☐ G287 **TECHNOBAN** Puzzle game
☐ G289 **THE BEAST** Mission to kill
☐ G290 **NADILOT RUN** Cat & dog chase
☐ G291 **OUCH** Clobber those moles
☐ G292 **ABSOLUTE ADV VOL ONE**
☐ G293 **CHAOS STRIKES BACK** Maps etc.
☐ G294 **GAME TAMER v4.59** Latest
☐ G302 **AMOS CRICKET** Good cricket game
☐ G303 **ARAZNAX** 40 levels
☐ G304 **HELL ZONE** Elite
☐ G305 **FATAL MISSION** Good shoot 'em up
☐ G307 **CROSSMAZE/CRYPTO KING** Words
☐ G308 **INTERLOCK (AMOS)** 25 levels
☐ G309 **TANK ATTACK & MOUTHMAN**
☐ G311 **THRALLBOUND** Viking Adv Text
☐ G312 **BOUNCE AND BLAST** Platform
☐ G313 **SOCCER CARDS** Run the club
☐ G314 **CYBERNETIX** Fast action
☐ G315 **STAR MIX 2** 3 games
☐ G316 **FLAG CATCHER** Squares puzz
☐ G317 **OMEGA** Adv Moria type
☐ G318 **TOP SECRET** Excellent graphics platform
☐ G319 **MADONNA** Jigsaw
☐ G320 **ROBOCOP GOES TO IRAQ** seu
☐ G321 **BACK TO THE FUTURE III** Funny
☐ G322 **45 CHEATS** Codes etc
☐ G323 **TOMCAT** F15 shoot 'em up
☐ G324 **SUPER QUIZ**
☐ G325 **POWER PONG** Boing
☐ G326 **MAHJONG** Tiles
☐ G327 **NESTER** Cards
☐ G328 **STARFLEET** Shoot 'em up
☐ G329 **EXCALIBER** Shoot 'em up
☐ G330 **IMPERIUM ROMANIUM** Battle
☐ G331 **SQUAMBLE** Very Spacey!!

☐ G332 **JETMAN** Good shoot em up
☐ G333 **MECHFORCE v 3.71** Latest update
☐ G334 **PROPERTY MARKET GAME** Strategy
☐ G335 **ROLL ON & LAMER** Pushing
☐ G336 **HACKLITE v 1.0** Moria & Hack
☐ G338 **DIE FILTH** (2 disks) Brill like Swiv
☐ G339 **ULTIMATE HINT KIT v1.0**
☐ G340 **THE ACE CHEATS DISK 2** Lots
☐ G341 **BATTLE OF BRITAIN** Strategy
☐ G342 **THE SECRET OF MONKEY ISLAND** (Demo)
☐ G344 **ESCAPE II** Creating games
☐ G345 **QUIZMASTER v 1.0** Test your knowledge
☐ G346 **NEBULA** Shoot-em-up fast action!
☐ G347 **ESCAPE** Into space!
☐ G348 **RUMMY** Excellent card game
☐ G349 **SPACE RESCUE** Super shoot 'em up
☐ G350 **INVADERS MARK II** Space invaders
☐ G371 **ERIC THE WARRIOR** Sim to Gauntlet
☐ G372 **KLAKTRIS** Tris type game
☐ G373 **CLI-TRIS** Latest TRIS
☐ G374 **DELUXE PACMAN**
☐ G375 **GALAGA 92** Shoot-em-up
☐ G376 **LIBERATOR GAME** Shoot-em-up
☐ G377 **ACK-ACK**
☐ G378 **CRAZY SUE 2** Latest platform
☐ G380 **LAST REFUGE** Invaders
☐ G381 **ZINGGER GAME** Karate game
☐ G385 **MORIA v5.4** Latest
☐ G386 **FRUIT MACHINE II** AMOS good
☐ G387 **OBLIVION** Defenda clone
☐ G388 **BOMB JACKY** Platform
☐ G390 **OTHELLO** Board game classic
☐ G391 **SOLITAIRE SAMPLER** Cards
☐ G392 **WILLY IN THE CASTLE** Excellent platform
☐ G393 **FRUIT SALAD** Platform. Reviewed in Format
☐ G394 **MARIO IN WONDERLAND** Brill clone – Mega!
☐ G396 **GIDDY** Great new platform game
☐ G398 **ATOMS** Weird!
☐ G399 **VECTA STORM** Brill new Tempest clone
☐ G400 **DIGITAL TETRIS**
☐ G402 **TETRIS PRO**
☐ G403 **SUPER PACMAN 92**
☐ G404 **BRIDGE**
☐ G405 **18th HOLE GOLF** (2 disks)
☐ G406 **SLIDE SQUARES** Puzzle
☐ G407 **THEY CAME FROM OUTER SPACE** Shoot em up
☐ G408 **SON OF BLAGGER** Excellent platform
☐ G409 **BRAINBOW** Addictive puzzle
☐ G410 **MYSTERY 2144 AD** Futuristic Murder adv.

☐ G411 **GUSH** Fab pipeline clone
☐ G412 **MEXICAN MASSACRE** Arcade action
☐ G413 **100 MEGA GAMES** (7 disks)
☐ G414 **BOX** Adventure game
☐ G415 **SLAMBALL** Future Management sim.
☐ G416 **MAYHEM2** Multi player manic maze.
☐ G417 **MUGSIE** Money making gangster adventure.
☐ G418 **ROULETTE + PUNTO 2** Good game (not 1.3)
☐ G419 **BLITZ GAMES** Worm, buzzbar, speed etc.
☐ G420 **SKID MARKS** Amazing driving game.
☐ G421 **ZOMBIE, APPOCOLIPS AND DEFENDER 2** Brill!
☐ G422 **BILLY BURGLAR** Just try to escape.
☐ G423 **OLYMPIAD** (Lemmings) (2 disks)
☐ G424 **CAVE FLIGHT** Dodge the obstacles.
☐ G425 **SERIOUS BACKGAMMON** Demo
☐ G426 **AIRPORT**
☐ G427 **EXIT-13** Puzzle
☐ G429 **BOW & ARROW**
☐ G430 **BLOAD RUNNER**
☐ G431 **POPEYE** C64 classic
☐ G432 **CASTLE NORRIS**
☐ G433 **THE RIGHT WAY** Lemmings
☐ G434 **PATIENCE** Cards
☐ G435 **PREMIERE PICKS** Football
☐ G436 **BOB N' FLOP**
☐ G437 **ROAD TO HELL** Racing brill!
☐ G438 **FIGHTING WARRIORS** Street Fighter 2 clone
☐ G439 **LEMMINGS 2** HD install
☐ G440 **NAPOLEONIC WARFARE** (2 Disks) Strategy
☐ G441 **TEXAS CHAINSAW MASSACRE**
☐ G443 **SCRABBLE**
☐ G444 **SMURF HUNT**
☐ G446 **THRUST DUEL** Gravity control
☐ G447 **EXORCISM** (2 Disks) Adv. & graphics
☐ G448 **CONQUEST & DOMINATION** Strategy war game
☐ G450 **DONKEY KONG** Platform
☐ G451 **OPERATION METEOR** 3D Graphics
☐ G452 **MR MEN OLYMPICS** (2 Disks)
☐ G453 **SUITCASE** (2 Disks) Adventure
☐ G454 **ESCAPE FROM DOOM** RPG type
☐ G455 **HIGH OCTANE** Overhead driving
☐ G456 **FATAL MISSION 2** Shoot em up
☐ G457 **KUNG FU CHARLIE** Platform beat em up
☐ G458 **GAMES GALORE 13**
☐ G459 **MENTAL IMAGES Vol 2**
☐ G460 **IRON CLADS** (2 disks) Naval battle Not 1200
☐ G461 **INTREPID** Rescue Dame form Evil
☐ G462 **QUIZ MASTER**
☐ G463 **QUIZ CHALLENGE**

☐ G464 **EYE OF BEHOLDER II** Cheats
☐ G465 **CHEATS** Many solutions
☐ G466 **PASSWORD PARADISE**
☐ G467 **MEGACHEATS v3.0**
☐ G468 **ELEVATION 2** Platform
☐ G469 **SCORCHED TANKS** Battle
☐ G470 **AMOS LOADSAMONEY** Fruit machine
☐ G471 **STAR TREKING TRIVIA** (2 disks)
☐ G472 **SUPER TOMCAT** Shoot 'em up
☐ G475 **NOSTROMO CHEATS & SOLVES**
☐ G476 **ORC ATTACK**
☐ G477 **TANK HUNTER**
☐ G478 **RAID 4**
☐ G479 **MEGABALL 2**
☐ G480 **MEGABALL 3**
☐ G481 **ROACH MOTEL** - Kill the roaches! Platform
☐ G482 **ASOKOBAN v1.1**
☐ G483 **BILLIARD GAMES** 3 games. Shareware
☐ G484 **BLOODBALL** Crillion type
☐ G485 **CRITTUR CAULDRON** Life simulation
☐ G486 **DR WHO**
☐ G487 **DUNE 3** (2 disks) Worm race game
☐ G488 **GALAXY MAPPER**
☐ G489 **JB POKER** Cards
☐ G490 **MF HDD** use with Mechforce
☐ G491 **MR BROWNSTONE** B/dash clone
☐ G492 **NEW WORLD** (2 disks)
☐ G493 **NO MANS LAND** 2 players
☐ G494 **PARADROID** action like C64
☐ G495 **PROKER** Card variation
☐ G496 **REUDA** Wheel of fortune
☐ G497 **SNACKMAN** Pacman clone
☐ G498 **ANGBAND** (3 disks) Moria type
☐ G499 **BLEED 1** Cool adventure
☐ G500 **BLEED 2** Next part
☐ G501 **STARBASE 13** Monkey Island clone
☐ G502 **TITANIC CHEATS**
☐ G503 **ENTITY** Zap the nasties
☐ G504 **HOTBLOX** 2 player Tetris
☐ G505 **NUMTRIS** Number Tetris
☐ G506 **GAME TAMER V4.59** Latest cheats
☐ G507 **JELLYQUEST** 3D puzzle game
☐ G508 **ESCAPE FROM DOOM** RPG adv.
☐ G509 **MICROMARKET v1.2** Buy and sell shares
☐ G510 **ZYRAD** Overhead collecting game

BOULDERDASH

Most titles now work on A500/A500+/A600/A1200/A4000

☐ BD 1 - FLASCHBIER I
☐ BD 2 - FLASCHBIER II 1.3 only
☐ BD 3 - BOULDERDASH COLLECTION I
☐ BD 4 - BOULDERDASH COLLECTION II
☐ BD 5 - BOULDERDASH COLLECTION III
☐ BD 6 - EMERALD MINE BOULDERDASH 1/2/3/4/+ Construction Kit
☐ BD 7 - EMERALD EAT MINE
☐ BD 8 - EMERALD MINE TOOL ED v 4 (2 disks)
☐ BD 9 - EMERALD MINES CAVE EDITOR
☐ BD 10 - EMERALD PRO
☐ BD 11 - EMERALD PRO 3
☐ BD 12 - EMERALD PRO 4
☐ BD 13 - EMERALD PRO 4 EXTRA
☐ BD 14 - LAZERS EMERALD MINE 2
☐ BD 15 - EMERALD MINE TUTORIAL - 2nd Pt
☐ BD 16 - EMERALD MINES 2 1.3 only
☐ BD 17 - EMERALD MINES 3
☐ BD 18 - EMERALD MINES 4
☐ BD 19 - EMERALD MINES 10
☐ BD 20 - EMERALD MINES 11
☐ BD 21 - EMERALD MINES 12
☐ BD 22 - EMERALD MINES 13
☐ BD 23 - EMERALD MINES 14
☐ BD 24 - EMERALD MINES 15
☐ BD 25 - EMERALD MINES 18
☐ BD 27 - EMERALD RUNNER MINE 1
☐ BD 28 - EMERALD RUNNER MINE 2
☐ BD 29 - EMERALD EATER
☐ BD 30 - THE NEW EMERALD MINES 1.3 only
☐ BD 31 - RECYCLED EMERALD MINES 1
☐ BD 32 - RECYCLED EMERALD MINES 2
☐ BD 33 - EMERALD HEAD
☐ BD 34 - DANMARK II
☐ BD 35 - MARATHON MINES 1
☐ BD 36 - MARATHON MINES 2
☐ BD 37 - MARATHON MINES 3
☐ BD 38 - BOND MINES 1
☐ BD 39 - BOND MINES 6
☐ BD 40 - RUPPLE MINES
☐ BD 41 - EASY RUPPLE MINES
☐ BD 42 - RUPPLE MINES EDITOR
☐ BD 43 - WATER MINES
☐ BD 44 - ADVENTURES OF MR B - Part 2
☐ BD 45 - EAT MINES 1
☐ BD 46 - EAT MINES 2
☐ BD 47 - EAT MINES 3
☐ BD 48 - EAT MINES 10
☐ BD 49 - NO ONE MINES 1
☐ BD 50 - NO ONE MINES 2
☐ BD 51 - NO ONE MINES 3
☐ BD 52 - NO ONE MINES 5
☐ BD 53 - NO ONE MINES 6
☐ BD 54 - NO ONE MINES 7
☐ BD 55 - NO ONE MINES 8
☐ BD 56 - NO ONE MINES 9
☐ BD 57 - NO ONE MINES 10
☐ BD 58 - SPUD MINES 3
☐ BD 59 - ENEMY MINES 1.3 only
☐ BD 60 - BOBBYDASH
☐ BD 61 - DENMINE 1
☐ BD 62 - LADYBIRD MINE - KIDS
☐ BD 63 - INTO THE FUTURE FIELDS
☐ BD 64 - INTO THE FRUSTY FIELDS
☐ BD 65 - INTO THE COLD CAVES
☐ BD 66 - LABAN MINE
☐ BD 67 - FUN MINE 1 1.3 only
☐ BD 68 - ACE MINE 1
☐ BD 69 - SUPER AMIDASH
☐ BD 70 - ROCKNUTS 1 1.3 only
☐ BD 72 - BOULDERDASH C64
☐ BD 73 - PROFESSIONAL BOULDERDASH 1
☐ BD 74 - PROFESSIONAL BOULDERDASH 2
☐ BD 75 - FIRST CLASS BOULDERDASH 1.3 only
☐ BD 76 - BOULDERDASH CONSTRUCTION KIT 1.3 only
☐ BD 77 - OFFICIAL BOULDERDASH
☐ BD 78 - MEGA BOULDERDASH 1.3 only
☐ BD 79 - STONEAGE
☐ BD 79A- STONEAGE (PLUS COMPATIBLE)

☐ BD 80 - LITTLE BOULDER
☐ BD 81 - BOULDERS GROVE + EDITOR
☐ BD 82 - CAVE RUNNER
☐ BD 83 - DENMINE 2
☐ BD 84 - DENMINE 3
☐ BD 85 - DENMINE 4
☐ BD 86 - DENMINE 5
☐ BD 87 - DENMINE 6
☐ BD 88 - EMERALD EATER 1
☐ BD 89 - EMERALD EATER 2 1.3 only
☐ BD 90 - EMERALD MINE 5
☐ BD 91 - EMERALD MINE 6
☐ BD 92 - EMERALD MINE 7
☐ BD 93 - EMERALD MINE 8
☐ BD 94 - EMERALD MINE 11
☐ BD 95 - EMERALD MINE 16
☐ BD 96 - EMERALD MINE 17
☐ BD 97 - NO ONE MINE 4
☐ BD 98 - NO ONE MINE 12
☐ BD 99 - NO ONE MINE 13
☐ BD 100 - NO ONE MINE 14
☐ BD 101 - NO ONE MINE 15
☐ BD 102 - NO ONE MINE 16
☐ BD 103 - SUPER EMERALD MINE LAZER
☐ BD 104 - ADVENTURE OF MR B - Part 1
☐ BD 105 - RUNNER MINE 3
☐ BD 106 - RUNNER MINE 4
☐ BD 107 - BOND MINE 2
☐ BD 108 - BOND MINE 3
☐ BD 109 - BOND MINE 4
☐ BD 110 - BOND MINE 5
☐ BD 111 - BOND MINE 7.5
☐ BD 112 - BOND MINE 8
☐ BD 113 - BOND MINE 9
☐ BD 114 - BOND MINE 11
☐ BD 115 - RABOULDIX
☐ BD 116 - RUPPLE MINE 5
☐ BD 117 - RUPPLE MINE 3
☐ BD 118 - RUPPLE MINE 2
☐ BD 119 - RUPPLE MINE 4
☐ BD 120 - BLUE DIAMONDS 4
☐ BD 121 - INTO THE FRUSTY MINES
☐ BD 122 - SNELMINE 1
☐ BD 123 - OZ MINE 1
☐ BD 124 - OZ MINE 2
☐ BD 125 - OZ MINE 3
☐ BD 126 - BONDMINE 10
☐ BD 127 - DANMARK 1
☐ BD 128 - EXPERT MINE 1
☐ BD 129 - EXPERT MINE 2
☐ BD 130 - ROCKNUTS 2 1.3 only
☐ BD 131 - EMERALD CRUNCHER
☐ BD 132 - EMERALD CRUNCHER 1
☐ BD 133 - JUNIOR ICE MINE 2
☐ BD 134 - RECYCLED MINES III
☐ BD 135 - EMERALD FREAK
☐ BD 136 - FREAK MINE 1
☐ BD 137 - FREAK MINE 2
☐ BD 138 - EXCEPTION 1
☐ BD 139 - JUNIOR 1
☐ BD 140 - DIAMOND MINE 1
☐ BD 141 - EMERALD FREAK II
☐ BD 142 - RUNNER MINE 5
☐ BD 143 - BUGMINE 1
☐ BD 144 - BUGMINE 2
☐ BD 145 - BUGMINE 3
☐ BD 146 - VENOM 1
☐ BD 147 - VENOM 2
☐ BD 148 - INTO THE HISTORY HOLES
☐ BD 149 - NORTHLIGHT MINE 1
☐ BD 150 - EMERALD MINE TUTORIAL
☐ BD 151 - EMERALD MINE TUTORIAL 3
☐ BD 152 - EMERALD MINE FINAL 1.3 only
☐ BD 153 - NEW EMERALD MINES 1.3 only

BOULDERDASH PACKS:
Any 10 = £12.50 Any 20 = £20.00
Any 50 = £47.50 Or Singly at PD Prices

ASSASSINS COMPILATION GAMES

Most now work on A500/A500+/A600/A1200

☐ ASI 21 Zeus, Tettrix, Battlements & Dragontiles
☐ ASI 23 Quick Money, BIP, Interferon, Arcadia
☐ ASI 24 Revenge of Camels, Dux Croak, 3dmaze etc!
☐ ASI 29 DOG, Rome, Nova, B-Bal, Atax, Quadrix
☐ ASI 30 Bounce & Blast, Total Fire Tank Attack!
☐ ASI 37 Klaktris, Ghostship, Paccer etc!
☐ ASI 38 One on One, Baldy, Skyflyer 2, Transplant!
☐ ASI 39 Lots of Card Games on this disk!
☐ ASI 48 Point to Point, Psycho Santa etc!
☐ ASI 49 Deathbringer in Space Sue 1+2 etc!
☐ ASI 71 Numerix, Battleships & Vs Tanks!
☐ ASI 72 Escape pre, Boulderdash (not 1200) Carl!
☐ ASI 91 Roton, Matrix & Spectrum!
☐ ASI 92 Bill, Oblidox & Solitaire Sampler!
☐ ASI 93 Smash Bang Wallop, Mr Munk & Alien Bash!
☐ ASI 94 Super Skoda Challenge, Merchamoid & Giddy!
☐ ASI 95 Prem Pics, Tangle, Bop & Flop & Super League Man
☐ ASI 96 Dungeon Flipper, B'gam Tumble Tots Rasterbike
☐ ASI 97 Bunnyblast, Mutants from Mars, New Stubb City!
☐ ASI 98 Skychase, The Phone Company & Nestor Cards!
☐ ASI 99 Gribit, Paranemmot, Space Wars & Org!
☐ ASI 100 Bloodrunner, Patience & Monaco!
☐ ASI 101 Meltdown, Paragon Boomerang & Rothello!
☐ ASI 102 Fruit Salad, Rebound & Pacsim!
☐ ASI 103 The Lost Occrest, Wacky Wabbit & Megarace!
☐ ASI 104 Wooden Ball, Operation Meteor & Pork A Pork!
☐ ASI 105 Particle Man, Rummy & Desert Defender!
☐ ASI 106 Simon, Cosmoroids II, Willy Worm & Micro Market!
☐ ASI 107 Serene III, 4 Row 3D, Equilog & Yacht C!
☐ ASI 108 Strikeball, Ringwar, Four in a Row & Obsess!
☐ ASI 109 Psyco Blast, King High, D/L Hamburg, Thrallbound
☐ ASI 110 Space Rescue, Tiles Zerg & Huskerou!
☐ ASI 111 Karate Worm II, Stax & Billy Dragon!
☐ ASI 112 Thunderton II, Aliens, Tron & Step 2!
☐ ASI 113 White Rabbits Preview, Trek Trivia & Popeye!
☐ ASI 114 International Cricket, Pre Insectoids II & Yum Yum!
☐ ASI 115 Star Trek Shoot Up, Egypt Run, Slime Line & Shark!
☐ ASI 116 Blue Diamonds 4, Tsch & Sorry!
☐ ASI 117 Air Warrior, Triple Yachtzee & Youpi!
☐ ASI 118 Zombies, Armymines 14 & The Last Tetris!
☐ ASI 119 Robouldix, Speed (cards) & Trik Trak (B'gammon)!
☐ ASI 121 Chainsaw Massacre, Brainbow & Worm!
☐ ASI 122 Boulderdash Coll., Project Buzzbars & Xenon III
☐ ASI 123 Artilleros II, Lamerbug & Yahtzee!
☐ ASI 124 Mr & Mrs, Elevation II, Haser Backgammon!
☐ ASI 125 Namegame, Marbleslide & Snake!
☐ ASI 126 Short Out, Kynaston Kid & Dodge Ems!
☐ ASI 127 Shanghai 93, Lazer Zone & Oxo!
☐ ASI 128 Space Invasion, Deluxe Pacman 1.4 & Solarys Wars
☐ ASI 129 Boulderdash Royal, Trax & Trax Editor!
☐ ASI 130 Chain Reaction, Batman & Uggo!
☐ ASI 131 Tykkipeli, Tetron & Skeet Shooting!
☐ ASI 132 Firefly, Quantum & Pac Mac!
☐ ASI 133 2nyx, Proker and Syzygy

☐ ASI 134 Cross Circuit, Fwuff & Circuit Wars!
☐ ASI 135 Gammon 1.3, Ack-Ack, Pipeline 3 & Tetrix!
☐ ASI 136 Hot Blox, Super Pong & Snifburk!
☐ ASI 137 Blockster, Escapade & Squigs!
☐ ASI 138 Galactoid, Scorched Tanks & Air Hockey!
☐ ASI 139 The Big Game, Bat Dog & Amiganoid
☐ ASI 140 Fatal Mission II, Chronic Hedgehog Megaworm
☐ ASI 141 Black Dawn, Reversi II & Gold Rusher!
☐ ASI 143 Intense, Xatoms & Pontoon (cards)
☐ ASI 144 Brain Shave, Nibbly Nibble, Rejection & Cube
☐ ASI 145 Puzzword, Kung Fu Charlie & Super Pong!
☐ ASI 146 Entity, Battlecars II, Amastermind & C Solitaire
☐ ASI 147 B'gam D Luxe, Tuts Tomb, Mancals & Parattack!
☐ ASI 148 Pollymorf, Nostalgium, Megamind
☐ ASI 149 Glodrick, Web II, Eric Watch Your Step
☐ ASI 150 D-Solve, Dot2Dot, Tactik Tank
☐ ASI 151 Krillian Incident, Caffeine Free Diet, Zyrad
☐ ASI 152 Klawz, Dictator 2, Big Will & Sticky Troll!
☐ ASI 153 Exit 13, Beetle
☐ ASI 154 Wackman, Bob's Garden, Kaboom
☐ ASI 155 Megablock, Digger, Crazy Clock
☐ ASI 156 Darts, Quackers & Karate Champ
☐ ASI 158 Scrabble, Toado & V-Chess 2
☐ ASI 159 Drivin Mainiacs, Smidge, Colour Change
☐ ASI 160 Prof. Bingo, Elektrek
☐ ASI 161 Galadria, Space Inv. 2, Safrondream
☐ ASI 162 Sports Challenge, Moria 5.4, USA 94
☐ ASI 163 Cards, harp, plait, queens
☐ ASI 164 Ataks, DIY 2
☐ ASI 165 Depth Charge, Toobz, Interface Robots
☐ ASI 166 Confuzion, Fleuch 2, Hyperdrive
☐ ASI 167 Megasquad, Zardoz, Rags to Riches
☐ ASI 168 Mindrunner, Drelbs, Paracheese, Dynamite Warriors
☐ ASI 169 Pee Bee, Turbo Hockey, Brain Damage
☐ ASI 171 Galaga De Luxe, Christmastime, Amosteroid
☐ ASI 172 Scorched Tanks, Doza Demo, Isolation
☐ ASI 173 Ork Attack, Task Force, Pop Quiz
☐ ASI 174 Meto Grasp, Statix, Kaselago
☐ ASI 175 Mastrix Blaster, Ultimate Quiz, Dotz
☐ ASI 176 Sports Chall 1, Incinerator Demo, Sports Chall 2
☐ ASI 177 Gorf, Checkers Conquest, Mucus
☐ ASI 178 40 Thiefs, Cookie, Oxo 3D
☐ ASI 179 Super Obliteration, Harrier, Raise the Titanic
☐ ASI 180 Scorched Tanks, Crystal Caverns, Warheads
☐ ASI 181 Mutant Penguin, Infiltrator, Rox
☐ ASI 182 Dama, Colonial Conquest, Soko-Ban
☐ ASI 183 Operation Firestorm, Quasi, Imperial
☐ ASI 184 Tanx-n-Stuff, Picture Puzzle, 15 Puzzle
☐ ASI 185 Metal Motion, Fatal Mission III, Wohle
☐ ASI 186 Jelly Quest, Seahaven Towers, Quinzee
☐ ASI 187 Snackman, Thunderstorm, Secret of Arcturus
☐ ASI 188 Tricky, Fortress, Ping Pong
☐ ASI 189 Ultraball, Godzilla, Amigawars
☐ ASI 190 Gravity Force II, Dogfight, Blaster

ALL ASSASSINS IN STOCK

CLR LICENCEWARE

EDUCATION

☐ CLE01	**T.C. DINOSAURS** (2 disks) Hyperbook	£3.95
☐ CLE03	**T.C. SOLAR SYSTEM** (3 disks) Info from NASA etc.	£5.95
☐ CLE05	**ACHORD** Learn guitar	£3.95
☐ CLE10	**BASICALLY AMIGA** (3 disks) Get to know your machine	£5.95
☐ CLE15	**FAST FRET** Learn scales on guitar	£3.95
☐ CLE28	**FUN WITH CUBBY** 8 progs for kids	£3.95
☐ CLE31	**UNDERSTANDING AMOS** (2 disks)	£4.95
☐ CLE46	**BASIC HUMAN ANATOMY** Covers brain, blood, nervous system etc	£3.95
☐ CLE51	**PAINT PASTE & DRAW** Colouring book	£3.95

UTILITIES

☐ CLU03	**TYPING TUTOR** Excellent; touch type	£3.95
☐ CLU09	**PLAY & RAVE 2** Music module linker	£3.95
☐ CLU10	**POWER ACCOUNTS** Keep track of expenses	£3.95
☐ CLU11	**CALC v1.3** Spreadsheet	£3.95
☐ CLU13	**DATOS** Powerful database	£3.95
☐ CLU15	**EPOCH** Calendar system	£3.95
☐ CLU21	**INVOICE MASTER**	£3.95
☐ CLU28	**CREATIVE ADVENTURE TOOL KIT** Make adventure games	£3.95
☐ CLU32	**POWERTEXT 2** Wordprocessor	£3.95
☐ CLU33	**AM TUITION** Create WB3 type progs	£3.95
☐ CLU36	**ILLINOIS PROFESSIONAL** Fab labelling system	£3.95
☐ CLU37	**FIND IT** Super directory	£3.95

GAMES

☐ CLG08	**DRAGON TILES** Tile puzzles	£3.95
☐ CLG14	**SONIC SMARTIEHEAD** Platform	£3.95
☐ CLG17	**IMBRIUM DAY OF RECKONING** Graphic adventure	£3.95
☐ CLG28	**TIME RIFT** Platform adv.	£3.95
☐ CLG35	**OG!!** Cavemen	£3.95
☐ CLG41	**Fi RACER** 3D Formula 1 car racing	£3.95
☐ CLG42	**CRYSTAL SKULL** 3D role play D+D type	£3.95
☐ CLG44	**VIKING SAGA** Graphical strategy	£3.95
☐ CLG48	**THE LOST PRINCE** Graphic adv.	£3.95
☐ CLG51	**TEN PIN BOWLING**	£3.95

WE STOCK ALL CLR TITLES

DEMOS

☐ M159 **PINK FLOYD - THE WALL** (6 disks, 2 drives, 1.3 only)
☐ M183 **SANITY - YESTERDAY** Brill!
☐ D304 **UTOPIA TOTAL CONFUSION**
☐ D310 **WACKO METAPHORPH ANIM** *
☐ D311 **ROBOCOP/RUNNING MAN ANIM** *
☐ D312 **KEFRENS DESERT DREAM** (2 disks)
☐ D313 **JESUS ON E'S** (2 disks) 20 mins WOW!
☐ D317 **TECHNOLOGICAL DEATH** Mega!
☐ D318 **SPACE BALLS** Brill!
☐ D319 **TEKNO-A-TAK MEGA RAVE**
☐ D321 **TROJAN TECKNO TRACKS**
☐ D322 **DANCE TRASH** (2 disks) Rave
☐ D324 **SILENTS DEMON DOWNLOAD** (2 disks)
☐ D330 **SILENTS EXPOSE** (2 disks)
☐ D331 **POSEIDON CEREBAL LOBOTOMY** (not 1.3)
☐ D333 **STONEARTS ATMOSPHERE** Great!
☐ D334 **KEFRENS DANE** Short & Sweet!
☐ D336 **SPACEBALLS MOBILE**
☐ D342 **MAYDAY RESISTANCE** Rave & Strobes
☐ D345 **SANITY WORLD OF COMMODORE**
☐ D347 **LEMON RINK A DINK** (not 1200) Classy
☐ D348 **ZYNEX 3** (2 disks) Superb music

DELTRAX PD (CU),
36 Bodelwyddan Ave,
Old Colwyn,
Clwyd LL29 9NP

DISK PRICES:
1-2 Disks = £2.00 each, 3-15 Disks = £1.50 each
16-24 Disks = £1.25 each, 25+ Disks = £1.00 each

Overseas orders welcome payable in sterling please.

Catalogue disk £1.00. Fast, reliable friendly service.
Make cheques/postal orders payable to "DELTRAX PD"

POSTAGE & PACKING:
UK = 60p per order;
Europe = +20p per disk; R.O.W. = +40p per disk

Note: Prices are per disk and not per set

DEPT (CU) CLIP & POST

Name
Address
Postcode Tel

ADVERTISEMENT

SENS
WORL
SOCCER
AND LOADS MORE
GREAT STUFF
IN BRITAIN'S LEAST
POPULAR
AMIGA GAMES MAGAZINE
On sale September 28th. Don't miss it

ADVERTISEMENT

IBLE

D OF

DEMO

THE ONE AMIGA

VIRUS FREE PD,

138-139 Victoria Rd, Swindon, Wilts, SN1 3BU
Tel: 0793 432176 Fax: 514187

VERY LATEST

☐ 3953 LOADSAMONEY
☐ 3954 INVENTORY II
☐ 3956 MOTIV-8
☐ 3960-10 CG PageStream fonts
☐ 3970-3 Compugraphic FONTS
☐ 3978 QUIZ CHALLENGE
☐ 3979 AM GIRLY PIX 1 AGA
☐ 3980 ESCAPE FROM DOOM
☐ 3981 NEW AGA DATATYPES
☐ 3983 NAVY CLIPART
☐ 3984 THE MONEY PROGRAM
☐ 3986 SCRABBLE
☐ 3987 VCHESS II
☐ 3988 RACING MANIACS
☐ 3991 STARVIEW
☐ 3992 ASTRONOMY V2
☐ 3993 FRENCH & GERMAN
☐ 3994-2 AMERICAN Football
☐ 3999 ICON ED+
☐ 4000 PYGMY PROJECTS
☐ 4002 PARNET
☐ 4011-3 KIDS CLIPART
☐ 4016 CHURCH MUSIC
☐ 4017 AGOA DEMO
☐ 4018 DTL DEMO
☐ 4019 GASTRILL RAVE
☐ 4022-2 READ & LEARN
☐ 4024 SOLITAIRE GOLF
☐ 4025 CLASSIC SOLITAIRE
☐ 4026-2 ASI MULTIPRINT
☐ 4029 DATA INDEXER
☐ 4031 THE DESIGNER
☐ 4032 ASTERIX, KIDS AR
☐ 4035 RAVE LENGTH
☐ 4036 MONOPOLY
☐ 4038 REND24 KS2/3
☐ 4040 ENCRYPTOR
☐ 4041 AMOS Intuition routines
☐ 4042 PASSWORD 1.2
Password protection system
☐ 4048 ARTE DEMO
☐ 4049 ABSTRACT PIG AGA
☐ 4051-2 ANTWARS (Lemmings)
☐ 4055 "FULL MOON" AGA
☐ 4060 3D GARDEN DESIGNER
☐ 4063 16 Colour ICONS KS2/3
☐ 4064 Pagestream UPDATER
☐ 4065 BASS SAMPLES
☐ 4071-5 CG FONTS 1-5
☐ 4076 20 SHORT MODULES
☐ 4077 ONSLAUGHT
☐ 4078 KRILLIAN INCIDENT 3D
☐ 4079 DR WHO GAME
☐ 4080 FREDDY'S IFF FONTS
☐ 4081 EIGHT Colour Icons KS2/3
☐ 4082 ALPHABET CLIPART
☐ 4083 TASK FORCE GAME
☐ 4084 WAYNES WORLD PONG
☐ 4085 RISE THE TITANIC
☐ 4086 YATCY GAME
☐ 4087 MEGABLOCK 2 TETRIS
☐ 4088-2 Magic WB extras Includes icons & backgrounds
☐ 4090 AGA ICONS
☐ 4091-7 ADOBE FONTS 1-7
☐ 4099 HOME BUDGET
☐ 4101 OXYD PUZZLE GAME
☐ 4103 TOOL MANAGER TOOLS
☐ 4104 HD CACHE
Speeds up HD acccess
☐ 4105 SCHEDULER
☐ 4106-2 PHOTOCD + AMICD
☐ 4108 REORG 3.11 KS2/3
☐ 4109 SHARE MANAGER 2.3
☐ 4110 IMAGINE TEXTURES
☐ 4111 IMAGINE Q&A
IMAGINE" The most asked questions
☐ 4112-4 SCALA Backgrounds
☐ 4116 AGA Backdrops
☐ 4117 FORMULA ONE
☐ 4119 C-4 GAME
☐ 4120 POLEMIC POKER MAG
☐ 4121 HI-LO CARD GAME
☐ 4122 KIDS STUFF
☐ 4123 CONVERT HAM AGA
converts HAM pictures to 256
☐ 4124 CD TO A1200
Parnet Clone

AMIGA BEGINNERS GUIDE

A complete tutorial for Amiga Dos. If you've just purchased your Amiga you're probably having a few problems. If so get a copy of this great 2 disk on screen tutor.
Order code ☐ABG6-2 Only £6.00

☐ 4125 CD>CDROM AGA
☐ 4126 FLYING LESSONS
Comical Animation
☐ 4127 TOYBOX GAME
☐ 4128 PARADROID II
C64 classic conversion
☐ 4130-4 KLONDIKE cards AGA
A collection of additional cards for use with KLONDIKE. Includes Girls, Animals etc
☐ 4136 CITIZEN SYSTEM DISK
☐ 4137 BACK TO SKOOL 3
☐ 4138 BIOMECHANOID MUSIC
600k module. only on KS2/3
☐ 4140 BRAIN in a box AGA
☐ 4141 DYNAMIC SKIES
☐ 4142 FATAL MORGANA
Rave demo
☐ 4149-2 A64 PACKAGE V3
Latest version of C64 emulator

BLANK DISKS

A box of 10 high quality blank diskettes
☐ BLK5-10 Unformatted £4.95
☐ BFD7-10 Pre Formatted £6.95
Only when purchased with PD

COMPATIBILITY!

All titles should work on any Amiga unless stated. AGA means it will only work on the A1200/A4000

LATEST GAMES

☐ **2810 SUPER PACMAN**
Brilliantly smooth version of that classic
☐ **3897 KARATE CHAMP**
A new karate beat 'em up
☐ 3898 DIGGER
From the Arcade version
☐ 3899 WACK MAN
Another Pacman clone
☐ 3900 KLAWZ THE CAT
Nice looking platform game
☐ 3901 BLACK DAWN
Brilliant D&D game
☐ 3902 BAT DOG
Fast and addictive platform game
☐ 3903 AMIGANOID
Breakout but with 2 bats!

Kombat

Test your wit against numerous contestants in this brilliant new Beat'em up.
Order code ☐ BDK6-3
Only £6.00

☐ 3904 WORLD DARTS
Play darts the easy way
☐ 3905 BOB'S GARDEN
Excellent digger's game
☐ 3906 BIG WILL & TROLL
Another superb platformer
☐ 3908 CAFFEINE FREE DIET
Very fast paced horizontal shoot 'em up. Great stuff!
☐ **3909 GALAXY'93**
Superb Galaxians game.
Very original sound FX
☐ 3910 CRONIC THE HODGE HEG
A poor man's Sonic the Hedgehog game. SAD!
☐ 3891 DARTS GAME
Another darts game?

New In... **ANTWARS**
A very addictive new Lemmings clone
Order code ☐ 4051-2 (2 disk)

☐ 3895 ICE RUNNER
Based on the classic Loadrunner, but with totally updated graphics & sound
☐ **3888 MEGABALL AGA**
A 256 colour breakout game
☐ 3869 PLACEBO INVADERS
Colourful Space Invaders game
☐ 3870 TACHYON
A Tron clone
☐ 3871 MOOSE DRIVER
Fast top view racing game
☐ 3873 DITHEL IN SPACE
Cute but addictive platform/shoot 'em up
☐ 3874 KISS THE CANVAS
Crappy beat 'em up game
☐ 3861 NOSTALGIUM
The classic C64 Uridium is here
☐ 3862 PARA ATTACK
☐ **3858 LCD GAMES**
4 classic LCD games
☐ 3852 MULTIPLEX PUZZLE
☐ 3829 DEPTH CHARGE GAME
☐ 3825 ELEVATION 2
Addictive & annoying
☐ 3776 FATAL MISSION 2
Brilliant shoot 'em up game
☐ 3777 OPERATION FIRESTORM
Features fantastic graphics, great platform/shoot 'em up
☐ 3745 HIGH OCTANE
Fast car racing game
☐ 3738 HOTBLOX
A Tetris clone
☐ 3718 NUMTRIS
See above
☐ 3667 INSECTOIDS 2
Brilliant shoot 'em up
☐ 3668 SHANGHAI '93
A fantastic conversion
☐ 3669 SPECCY GAMES. dms
Over 40 classic Spectrum games
☐ 3640-2 STARBASE 13
A huge arcade adventure
☐ 3635 ROBOULDIX
Up to date Boulderdash clone
☐ 3622 MICRO MARKET 1-2
Buy & sell
☐ 3623-2 MR MEN OLYMPICS
☐ 3627-2 MOTOR INV 2 AGA
☐ 3613-2 MENTAL IMAGE
6 brilliant games
☐ 3612 KUNG FU CHARLIES
2 player platform/beat 'em up
☐ **3573-2 18th HOLE GOLF**
PD golf game. Good stuff
☐ 3580 FIREFLY SHOOT 'EM
Fast & furious
☐ 3570 RUMMY
The card game
☐ 3563 ROAD TO HELL GAME
Another good top view racer
☐ 3505 GIDDY
Excellent cute platform game
☐ 3455 GNU CHESS KS2/3
Intelligent chess game
☐ 3456 FRUIT PANIC
Pacman clone
☐ 3459 BAGITMAN
☐ 3460 AZTEC CHALLENGE
☐ 3461 MEGABALL 2·1
Fantastic breakout game for A500 etc
☐ 3462 STARIANS
Fast shoot 'em up
☐ **3987 VCHESS II**
Latest chess variant on the Amiga
☐ **3986 SCRABBLE**
Based on the popular board game
☐ 3955 BLASTER
Fast & furious shoot 'em up
☐ 3985 TEN PIN BOWLING SIM

A1200/A4000

☐ 3096-10 BADBOYZ AGA!
A collection of 10 disks with graphics converted from the PC
☐ 3175 UCHESS AGA 4MEG -
Impressive AGA chess game. It requires 4 MEG of RAM to run
☐ 3209 WB3 RAINBOW
Puts a fancy rainbow effect behind your dull workbench screen
☐ 3211-5 WEIRD SCIENCE
Exceptional quality graphics. Various subjects, Animals etc
☐ 3216-9 JPEG AGA IMAGES
Nine disks of stunning graphics
☐ 3225-6 SUPER HAM PIX
☐ 3286 HOI AGA MEGA DEMO
Contains an amazing AGA fade routine
☐ 3287-3 A1200 UTILITIES
Includes Virus killers, Datatypes, Copiers, etc.
☐ 3355 NEW WB3 VIRUS KILLERS
Up to date collection of Virus killers
☐ 3356 A1200 DEGRADERS
Degrade your Amiga down to an A500
☐ 3403 MORE WB3 HACKS
☐ 3405 WINBLENDER
☐ 3418 NFA A1200 UTILS
Collection of tools for the A1200
☐ 3419-2 FIT CHICKS
Stunning AGA pictures of lovely girls
☐ 3422 RETINA BURN RAVE DEMO
☐ 3423-2 NIGHT BREED PIX
☐ 3425 FREAKS BODYSHOP
More girly pix
☐ 3428 ANDYS WB3 UTILITY
THE BEST! Huge range of different tools for the A1200/A4000
☐ 3429 PLASMA CLOUDS 256
☐ 3436 JPEG UTILITIES
☐ 3500 HD MEM (Req MMU)
Use your hard disk as memory
☐ 3501 HOIS 2 MEGADEMO
☐ 3530 QUICK GRAB AGA etc

SPECIAL OFFER!!!
AMIGA 1200 DUST COVER
Only £1.99
with any order. Order code ☐ X1

☐ 3610 LYAPUNOVIA AGA
Stunning space generator
☐ 3620-2 BODYSHOP 4
☐ 3627-2 MOTOROLA INVADERS 2
Amazing AGA Space Invaders game with an amazing 1MEG soundtrack
☐ 3687 TMAP DEMO
Interactive 3D maze...256 colours
☐ 3693 MANDELMANIA 4 AGA
Fractal generator
☐ 3789-2 BODY SHOP 5 AGA
☐ 3795 XANADU AGA
Good mega demo
☐ 3796-2 FIT CHICKS 3 AGA
☐ 3798-2 FIT CHICKS 2 AGA
☐ 3802 EMPTY HEAD AGA
Smart new megademo
☐ 4001 FRENCH DEMO
☐ 3888 MEGA BALL AGA
Stunning new AGA version of Break-Out. WOW!
☐ 3800 VIEWTEK 2·0
Latest AGA picture viewer
☐ 3751 FERRARI AGA SLIDES
Stunning pictures of cars
☐ 3697-2 ASI AGA FIX DISKS
Get rid of those horrid compatibility problems. Allows you to run most old A500 games on the A1200/A4000
☐ 4005-3 KLONDIKE AGA
Stunning 256 colour card game
☐ 3833-4 MANGA AGA PICTURES
Heaps of Japanese Manga pictures
☐ **3838-2 COMPLEX ORIGIN**
Unreal introduction to an Amazing Mega demo. Loads of raytraced planet scenes. Brilliant!

BIG TIME SENSUALITY

AGA DEMONSTRATION
A 2 disk A1200 megademo that features an unbelievable B Jorg soundtrack, and unreal visuals. Don't miss this
Order code ☐ BTS4-2 £4.00

☐ 3843-2 STAR TREK PICTURES
Impressive AGA Star Trek Slides
☐ 3853 IT SMELLS LIKE CHANEL NO. 5
Amazing new A1200 Megademo
☐ 3981 AGA DATATYPES
Including JPeg, PCX 1&2, BMP, ILBM, Mac and loads more
☐ 4049 ABSTRACT PIG AGA
☐ 4055 FULL MOON AGA
☐ 4116 AGA Backdrops
☐ 4123 CONVERT HAM AGA
converts HAM pictures to 256
☐ 4124 CD TO A1200
Parnet clone
☐ 4125 CD>CDROM AGA
☐ 4130-4 KLONDIKE CARDS AGA
A collection of additional cards for use with Klondike. Includes Girls, Animals etc
☐ 4140 BRAIN State in a box

MAGIC WORKBENCH EXTRA'S

2 disks of brand new backdrops and icons for use with magic WB
code ☐ MWE4-2 ONLY £4.00

☐ 4144 ASI MULTIVISION AGA
graphics utilities
☐ 4145 BEYOND BELIEF AGA
another superb demo
☐ 4146-3 INVESTATION AGA
3 disk mega demo
☐ 4151-2 BODYSHOP 7 AGA
Lovely ladies on disk
☐ 4153-2 BODYSHOP 6A AGA
>>ask for our AGA list when ordering<<

CATALOGUE DISK

Contains list of over 4500 Amiga disks, games, utilities, demos, graphics, AGA software & more
Order code ☐ CAT
£1.00 with any order

IMAGINE

☐ 3930 DINOSAURS & ANIMALS
Includes different animals including an animated T-REX
☐ 3931 WWII & MISC AIRCRAFT
A number of different air craft
☐ 3932 MODERN AIRCRAFT
☐ 3933 STARWARS OBJECTS
Loads of different objects from Star Wars
☐ 3934 STAR TREK OBJECTS
Loads of different objects from Star Trek
☐ 3935 AMIGA 1000 OBJECT
☐ 3936 AMIGA A3000 OBJECT
An object of the Amiga 3000

BABYLON 5

Imagine objects of Babylon 5 space craft includes:
DELTA FIGHTER, SOUL HUNTER, TYRANID, VORLON ONE
☐ BIF4-1 £4.00

☐ 3937 BILLIARD, BUILDINGS
Includes various objects including CHESS and various buildings
☐ 3940-2 VEHICLES
Includes BMW, VW, Future Bike, Ferrari F1, 32 Dodge, Steam Engine
☐ 3942 MISCELANEOUS OBJECTS
☐ 3700-2 IMAGINE OBJECTS 1&2
A collection of various objects
☐ 3816 USS ENTERPRISE
It's so detailed you need a 4 Meg
☐ 4030 WILLIAMS F1 OBJECT
Fantastic 4 Meg Car object
☐ 4110 IMAGINE TEXTURES
A collection of textures
☐ 4111 IMAGINE TUTOR
The most asked questions answered
>>New imagine stuff arriving daily<<
* Ask for a list when ordering

VIDEO TITLING

☐ 654-2 VIDEO APPLICATIONS
A 2 disk set of various tools for video titling
☐ 656 TV GRAPHICS
A set of IFF backdrops for use in Scala etc
☐ 2986 VIDEO WIPES
A set of different video wipes
☐ 2989 CAPTIONATOR
Perfect for doing sub-titles etc
☐ 3080 VIDEO TITLER
Possibly the best PD video titler available
☐ 4112-4 SCALA BACKDROPS
Excellent collection of backdrops
☐ 3821 DTV STUFF
A collection of various video titling tools

PRINTER *Drivers*

☐ 3033 DYNAMITE PRINTER DRIVER
Over 100 printer drivers on one disk, including HP500/500c, HP550, HP Laserjets, Star printers, Canon, Seikosha, Epson, Amstrad etc
☐ PDWB( )WITH ( ) DRIVER
We'll install a driver on the version of Workbench you request, and send a full working copy with driver installed, ready to use.. all for just £5.00 + P&P

WB3 DPi software

DPI disks cost £3.50 each
☐ DP11 WORKBENCH 3
Replacement copy
☐ DP12 A1200 HD INSTALLER
Install software on your HD
☐ DP13 HARD DISK PREP
Formatting & prep software
☐ DP14 PRINTER DRIVERS
☐ DP15 ENGINEERS KIT AGA
☐ DP16 EXTERMINS AGA
Virus killer package
☐ DP17 CRACK N COPY AGA

ESSENTIAL FOR BEGINNERS

If you are just starting to purchase PD software,then this disk is essential. It contains everything you should need to get the most from the Public Domain. Includes easy to use Text/Document viewer, a degrader so you can run incompatible software on the A1200. A file manager is also included so you can easily copy, move delete files from your disks, all the most common libraries can also be found in this collection, so you'll never get those annoying "XXX library not found" messages. A host of other essential tools to make your life a little easier are also included
(A500+/A600/A1200)
Order code ☐ EFB2-1
ONLY £2.00 with any purchase

A FEW TOOLS

☐ 4002 PARNET Link up between 2 Amigas or PC's with this popular networking title
☐ 3916 SPEEDBENCH 2.1
Loads up in seconds
☐ 3917-12 SAMPLES
Twelve disks of great samples
☐ 3928 MUSIC BASE V1.1
Sort out your video/music collection
☐ 3882 EASY SLIDE. Worlds easiest to use slideshow maker

600 BUSINESS LETTERS

600 pre-written letters that you can load into you favourite word processor. Simply fill in the gaps and you've got a professional finish to all your letters. Letters include subjects like: Money, Moving, Your Sacked, Meetings etc etc.
Order code ☐ SBL3-1 Only £3.00

RANDOM DOT STEREOGRAM

Create your own Holusion art, easy to use, simply load in your IFF picture from Deluxe Paint, and RDS will convert it and save it back out for you.
Order code ☐ RDS3-1 £3.00

☐ 3877 PAY ADVICE Analyser 4
☐ 3878 TRONI-CAD 1.36
Electronic board designer
☐ 3854 PARNET HELP
☐ 3826 PARBENCH
Networking software for use via Workbench
☐ 3706-4 SB PROLOG

RED SECTOR DEMO MAKER V2

It's here the complete Red Sector Demo Maker complete with tutorial, graphics templates, fonts, example music modules., Vector graphics editor & font editor
Order now code ☐ RSM15-5 Only £15.00

☐ 3689 COMPUGRAPHIC FONTS
☐ 3637 PRO UTILITIES 1
A collection of professional tools
☐ 3593 DISK SALVE 2 KS2/3 Recover damaged or corrupt files. Very easy to use
☐ 3594 LEMMINGS 2 HD PATCH
Put Lemmings 2 on your hard disk
☐ 3578 PRINT A CARD V2
Business card maker
☐ 3523-3 AMATEUR RADIO
A collection of tools for all ham radio freaks
☐ 3330-4 KING JAMES BIBLE
The Bible on computer!
☐ 3511 FILE-O-FAX Keep track of your life, business, Telephone numbers etc.
☐ 3298 GRAMMAR CHECKER
Check your grammar, works with all ASCII text

DISK COMPRESSOR

With this superb new Disk Expander you can double the size of your hard disk with ease. Complete with easy installation routine you could soon have a 150meg hard disk instead of an 80meg. It runs silently in the background of your Workbench, so you don't even know it's there. Works on any hard disk. Order a copy now.
Order code ☐ PDE35-1 Only £35.00

☐ 3121 NUMPAD for A600
Lets you use DPaint III properly as well as numerous flight sims
☐ 0659 ESSENTIAL UTILITIES
Collection of various tools
☐ 2906 DESKTOP PUBLISHER
Create stunning documents etc
☐ 1078 ESSENTIAL UTILITIES 2
Includes copiers, crunchers,Virus killers, etc etc

A1200 ACTION FREEZE CARTRIDGE IV

Freeze your games, and rip graphics, music, & sprites, give yourself extra lives, etc etc. Available on Amiga disk now for only £3.00
Order code ☐ ARC3-1

THE SPECTRUM EMULATOR

Run all your old Speccy software on the Amiga. Very easy to use.
Complete with over 40 classic Speccy games on Amiga disk.
Order codes:
☐ SPE5 Emulator games £5.00
☐ SEH40-4 Em & Tape interface £39.95

X-LIST THE DISK CATALOGUER

Brilliant new disk cataloguer thats very easy to use, you can even catalogue your compact disks.
Code ☐ XLC3-1 £3.00

Priority Order Form

(CU) ☐ 1234-3. TITLEXXX = 3 disks

Name ______________________
Address ______________________
____
Tel: ______________________
Amiga model ______________ Payment ______________
Credit Card No. ______________________
Exp ______________

Ordering by Post

Simply send us a written order with a list of the disks you require, or simply tick the boxes of the titles you require, fill in your name & address, remove or photocopy this page and send it along with full payment to:
VIRUS FREE PD, 138-139 Victoria Road, Swindon, Wilts SN1 3BU

Collecting Disks

PD disks can be collected same day, but if your order is quite large, please phone in a few hours previous to pickup.

Overseas Orders

Overseas orders are welcome, but please add 25p for each disk ordered, a minimum of 5 disks applies.

Postage and Packing

Please add a total of 50p to your order if in the UK. Overseas please add 25p to each title and £1 to each pack ordered for 1st class delivery.

Compatibility

All titles advertised should work on any Amiga unless stated.
AGA means that it only works on A1200/A4000.
KS2/3 means that title requires an A500+/A600/A1200.

Ordering by phone

To place an order over the phone simply call any time between 9.30 & 5.30pm Monday to Saturday with your credit card details and the disks you would like to order.
(Orders can usually be placed up to 7pm every evening.)

EMULATORS

☐ 1772 A64 EMULATOR V2.0
☐ 2997 A500 +IBM EMULATOR
☐ 3837 BBC EMULATOR
A BBC Emulator? A bit weird on the A1200
☐ 4008-3 SPECCY EMULATOR
☐ 3554 PC TASK 2·03 DEMO
Run PCXT software on the Amiga
☐ 3495 KICKSTART 3 EM
Only works on A500+/A600
☐ 2001 PC EM
Good A500 PC emulator
☐ 2879 ATARI ST EM KS2
An Atari ST emulator for A500+
☐ 3159-2 QL EMULATOR
☐ 2897 KICKSTART 2 EM
for A500's
☐ 3057 KICKSTART 1·3
A way of making more old games run on the A1200/A4000
☐ DOS PC DOS DISK for use with any PC Emulator. £3.50

PC TASK

PC EMULATION SOFTWARE
With PC Task you are now able to run PCXT software on your Amiga, even VGA 256 colour software on the Amiga 1200/4000.
Fully supports hard disks, CD ROM
High density floppy drives, mouse, serial & parallel ports
Order code ☐ PCT40-1 £39.95

FONTS

Fonts! Fonts! Fonts!
**IFF & Clip fonts for use in Deluxe Paint*
**Bitmap fonts can be used in D-Paint, Penpal, Wordworth, Kindwords etc*
**Compugraphic & Adobe fonts are OK with Page Stream, Pro-Page. CG fonts OK with Wordworth and more.*
Call us for font compatibility information
☐ 89 COLOUR CLIPFONTS
☐ 153 IFF FONT PICS 1
☐ 364 FONT AND FONT UTILS
☐ 442 BITMAP FONTS 1
☐ 653 BITMAP FONTS 2
☐ 887 IFF FONTS 1
☐ 937 IFF FONTS 2
☐ 1502 HEADLINE FONTS
Large Bitmap fonts (OK for Scala)
☐ 1582 BITMAP FONTS
☐ 1715 RSI DEMO-MAKER FONTS
☐ 1721 EXILE IFF FONTS
☐ 2058 RSI FONT EDITOR
☐ 2139-6 AMIGA BITMAP FONTS

TEXT ENGINE 4.1

This is the best low cost Word Processor available on the Amiga. Includes all the most common features of any wordprocessor as well as comprehensive spell checker.
Order code ☐ TXE3-1 Only £3.00

☐ 2569-3 BITMAP FONTS
☐ 2603 GELIGNITE CLIP FONTS 3
☐ 2975-4 COSMOPOLITAN FONTS
☐ 2987 MINI BITMAP FONTS II
☐ 3007-5 COLOUR DP FONTS
☐ 3013-2 BITMAP FONTS
☐ 3030 COLOUR CLIP FONTS
☐ 3031 GELIGNITE IFF FONTS 2
More superb colour fonts
☐ 3063 FONT VIEWER 1·2
☐ 3391-2 ADOBE FONTS
For P-Stream, Final Copy II etc
☐ 3393 CG FONTS
☐ 3430 RUSSIAN ADOBE FONTS
☐ 3528 POST + PS FONTS
☐ 3533 FONT FARM 3
Over 50 Bitmap fonts
☐ 3689 COMPUGRAPHIC FONTS
☐ 3691 POSTSCRIPT FONTS
☐ 3734-2 IFF PICTURE FONTS
☐ 3736-2 FONTS & TEXTURES
☐ 3804-10 COLOUR TEXT FONTS
☐ 3960-10 PAGESTREAM FONTS 1-10
Over 100 top quality fonts
☐ 3970-3 COMPUGRAPHIC FONTS 1-3

ICONS

☐ 2527 ICONS FOR ALL 2
☐ 3848-3 ICONS PLUS KS/23
A 3 disk collection of icons for use on Workbench 2 & 3
☐ 3887 CUSTOM ICONS KS2/3
More great new WB2/3 icons
☐ 3772 MAGIC Workbench KS2/3
Give your workbench a new image
☐ 4063 16 colour ICONS KS2/3
☐ 4090 AGA ICONS
☐ 4081 8 COLOUR ICON ED

ALL TITLES ADVERTISED ARE IN STOCK READY FOR DESPATCH

Order Value

Amount of PD Packs XXX10-5 PACK TITLE Individually priced	Qty	=£
PD Prices per disk ☐ 1234-2 title of disk (2 disks) 1 single disk £3.00 2-5 disks £2.00 each 6-10 disks £1.75 each 11-20 disks £1.50 each		=£
Other items		=£
Total goods value		=£
Postage & Packing Please add a total of 50p for P&P in the UK		50p in the UK =£
Amount enclosed		=£

AMIGA Workshop

ISSUE 22 OCTOBER

You want information? You got it! The Amiga Workshop section is dedicated to giving you a triple dose of tips, tutorials, advice and inspiration, whatever you use your Amiga for. The world's top Amigaheads explain how to get the most out of your favourite computer, from graphics and animation, to music and netsurfing. It's all here in your tip top number one Amiga Workshop.

Regulars

150 QUESTIONS AND ANSWERS
Questions, questions, questions ... what's it's all about eh? Where does belly-button fluff come from? What time is it on the moon? Does anyone still own a pair of nylon Bay City Rollers socks? These mysteries of the universe may go unsolved, but if you've got questions about your Amiga then John Kennedy and Andy Leaning have all the answers.

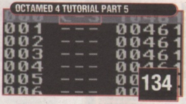
158 BACKCHAT
That's the letters page to you, guv'. You need an introduction to the letters page? Okay, well people write things to us, we print 'em, and then we print an informative and occasionally witty reply. You also get to meet the CU AMIGA team and find out what they've been up this month. You even get a side-splitting Far Side cartoon!

162 POINTS OF VIEW
Do we want big flashy boxes with shiny pictures and glossy manuals, or would you rather receive your new RAM board in a drab brown carton with nothing more than a serial number for decoration? Andy Leaning admirably manages not to use the phrase 'boxing clever' in his assessment of the matter.

BUYERS' GUIDE

Adverts aren't always what they seem. The small print might look insignificant, but it could hold key information about the service you can expect from the advertiser. Andy Leaning explains the jargon, and marks out the potential pitfalls.

OCTAMED 4 TUTORIAL PART 5

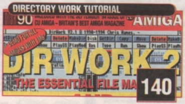


Tony Horgan is one of the few people who can tell a breakbeat from a heartbeat. This month the amazingly musically talented one shows you how skillful use of *OctaMED*'s commands can revolutionise your music making. So get groovin' with CU AMIGA's funk master.

Q+A MASTERCLASS

Creating your own icon-launched AmigaDos scripts is as easy as falling off a rather large piece of wood when you know how. From writing the script, to designing the icon, and linking it all together, John Kennedy guides you through the whole process.

DIRECTORY WORK TUTORIAL



Last month's CU AMIGA *DIR Work* coverdisk can completely transform the way you use your Amiga. This month, ever organised Andy Leaning takes a tour of the program's incredibly varied uses and features and shows you how to get organised.

PETER LEE'S ANIMATION MASTER-

Just
arried
142

it's amazing what you can do with a bit of imagination and a copy of *Deluxe Paint* or *Brilliance*. Broaden your horizons with yet more tricks and tips from the top man in Amiga animation, as Peter Lee lays bare his amazing trade secrets.

COMMON QUESTIONS

Some questions seem just too silly to ask but there's no problem too big or too small for CU AMIGA. How do you program your Amiga? What is Kickstart? What use is the little slot on the side of the A1200? All of these and more are answered by the sage-like Kennedy-Leaning team.

WIRED WORLD

WIRED
WORL
155

You can reach a lot of people with a modem these days. In fact, with a selection of food delivery establishments, a personal phone line and a comfortable chair you need never go out again. Maybe. John Kennedy has been in touch with the outside world yet again.

TONY HORGAN'S SOUND LAB

Is Yamaha's QY8 really the ultimate portable music machine, or is it just a flashy Gamegear with particularly good sound effects? We sent Tony Horgan on a trans-European Orient Express trip to test it out. Well, you've got to do these things properly haven't you ...

Reference

A500 HARD DISKS

All the features ...without the price

- ☆ SCSI HARD DISK MECHANISMS for *optimum performance*, fast Access Time & Autoparking
- ☆ Includes SCSI THROUGHPORT at rear for further expansion
- ☆ COOL.... by popular demand, we have fitted a Cooling Fan!
- ☆ GAME SWITCH allows Games to be loaded without disconnection
- ☆ High quality metal casing, colour and style matched to the Amiga 500
- ☆ Option for up to 4MB additional easy RAM EXPANSION, using 'SIMMS'
- ☆ Compatible with Reference Add-On Hard Drive and Reference RAM unit
- ☆ Includes its own DEDICATED PSU. CBM recommends against use of Hard Disks without independent power supply.
- ☆ Includes 'HD Setup 3' (external SCSI low level format and partition utility) and 'MRBACKUP PRO' (backup utility)

40Mb model	100Mb model
£169.99	£199.99

2Mb RAM Version: ADD £94
4Mb RAM Version: ADD £188

AMIGA FORMAT Verdict 84%

"Very attractive indeed – you get a good deal for a decent drive." March 1993

Reference

A500 8Mb RAM UNIT

Incorporating the latest 'ZIP' DRAM technology, our External Memory Upgrade allows the A500 / A500+ to be upgraded by up to a further 8Mb of auto-configuring FASTRAM.

- ☆ RAM access LED
- ☆ RAM test/run switch
- ☆ Uses 1Mb 4-bit ZIPS
- ☆ Style matched to the A500
- ☆ Very low power consumption
- ☆ Throughport for further expansion
- ☆ Optional PSU (allows Amiga to power other devices)
- ☆ Available fitted with 2Mb, 4Mb, or fully populated with 8Mb
- ☆ Compatible with A590 and most other SCSI Hard Drives (please call to check)

with 2Mb fitted	with 4Mb fitted	with 8Mb fitted
£129.99	£189.99	£299.99

N.B. Any memory fitted to this unit is in addition to that on your machine already, to a maximum of 8Mb on the external unit.

PARTIALLY POPULATED UNITS EXPAND TO 8MB WITH 2MB MODULES, AT ONLY £74.99 PER 2MB • OPTIONAL POWER SUPPLY £14.95

A1200 8Mb RAM EXPANSION

- ☆ Capacity for 2Mb, 4Mb or 8Mb RAM using standard 'ZIP' DRAM chips
- ☆ Increases the speed of your A1200 by up to 2.19 times
- ☆ Maths Co-Processor urgradeable
- ☆ PGA or PLCC FPU compatible
- ☆ Simple trapdoor installation
- ☆ On-board real time clock
- ☆ Includes RAM on/off switch

Basic unit only £59.99

Unit with no FPU	£59.99
Unit with 33MHz FPU	£119.99
Unit with 40MHz FPU	£139.99
Unit with 50MHz FPU	£189.99

Above prices are with no RAM installed.

2Mb RAM installed	add £74.99
4Mb RAM installed	add £149.99
8Mb RAM installed	add £299.99

A500 512k RAM UPGRADE

- ☆ COMPACT, ULTRA-NEAT DESIGN
- ☆ CONVENIENT ON / OFF MEMORY SWITCH
- ☆ AUTO-RECHARGING BATTERY BACKED REAL-TIME CLOCK

ONLY £19.99

Also without clock for only £16.99

1.5Mb RAM BOARD

Fully populated board increases total RAM in A500 to 2Mb! ☆ Plugs into trap door area, & connects to 'GARY' chip ☆ Includes Battery-Backed Real-Time Clock ☆ Socketed RAM ICs on 512K / 1Mb Versions

With 1.5Mb FASTRAM installed

ONLY £73.99

Unpopulated RAM board with clock ....£ 34.95

N.B.: The expansion board requires Kickstart 1.3 to operate - Kickstart 1.3 upgrade available from us for £29.95

MEGABOARD

CONNECTS TO YOUR 512K RAM UPGRADE TO GIVE 1.5MB

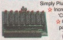
With our MEGABOARD, you can further expand your A500's memory to *a total of 2MB* without disposing of your existing 512K upgrade (must be 4 x RAM-chip type, or not exceeding 9cm in length).

ONLY £47.99

MEGABOARD needs Kickstart 1.3 to operate (Kickstart 1.3 upgrade available from us for £29.95). Installation requires connection to the GARY chip. Easy to follow instructions provided.

A500+ 1Mb UPGRADE

THE FASTEST AND EASIEST WAY TO UPGRADE YOUR A500+ TO 2MB RAM!



Simply Plugs into trap door expansion area ☆ Increases total RAM capacity to 2Mb 'ChipRAM' ☆ RAM On/Off Switch ☆ Compact unit size ☆ Only 8 low power RAM ICs ☆ High reliability

ONLY £42.99

A600 1Mb RAM/CLOCK UPGRADE

UPGRADE YOUR NEW A600 TO 2Mb WITH THIS SIMPLE PLUG-IN MEMORY UPGRADE!

- ☆ Increases total RAM capacity of A600 to 2Mb 'ChipRAM'
- ☆ Simply Plugs into the A600's trap door expansion area
- ☆ RAM Enable / Disable Switch
- ☆ Battery-Backed Real-Time Clock

ONLY £48.99

PRINTERS

Star LC 100 Entry level 9-Pin Colour, 4 fonts	£116.33
Star LC 24-100 24-Pin, 5 fonts, 192/64cps	£131.60
Star LC 24-30 New 24-Pin Colour, 5 fonts, 192/64cps	£196.23
Star LC 24-300 Fast, quiet 24-Pin Colour, 9 fonts, 264/80cps	£225.60
Automatic Sheet Feeder for above (pls.state model)	£64.95
Star LC 15 Wide carriage 9-Pin, 4 fonts	£305.50
Star SJ 144 Colour Thermal transfer printer	£425.35
Hewlett-Packard Deskjet 310	£217.38
Hewlett-Packard Deskjet 310 Colour upgrade kit	£41.13
NEW! **Hewlett-Packard Deskjet 520**	£245.58
Hewlett-Packard Deskjet 500C Colour	£280.83
Limited Quantity! **Hewlett-Packard Deskjet 550C Colour**	£386.58
NEW! **Hewlett-Packard Deskjet 560C Colour**	£480.58
Canon BJ-10SX Inkjet Printer	£182.13
Canon BJ-200 Inkjet Printer 360dpi, up to 240cps, 8 fonts, 80-sheet feeder, IBM and Epson emulation	£233.83
Epson LX300 budget 10" carriage 9-pin	£139.00

Panasonic KX-P2123

The *Quiet* Matrix Printer

The KX-P2123 offers quiet operation, colour, Super Letter Quality printing and extensive paper handling features in a reliable and trusted design. A winning combination at an affordable price.

- ■ **Colour Printing** Create colourful, crisp graphics easily by utilising the KX-P2123's choice of 7 vibrant colours.
- ■ **Quiet Printing** Super quiet 43.5 - 46 dBA sound level (most matrix printers are typically in excess of 60 dBA)
- ■ **Flexible Paper Handling** Accepts single sheets, continuous paper, labels envelopes and multi-part stationery.
- ■ **Fast Printing Speeds** 192 CPS draft, 64 CPS LQ and 32 SLQ.
- ■ **7 Resident Fonts** Create over152,000 type styles
- ■ **24 PIN Diamond** Printhead high quality output.

ONLY £186.83

Evesham Micros

Winner of all Customer Service related categories in the 'PC Direct Hits Awards' for '93 & '94

RETAIL SHOWROOMS

Normal Opening times: Monday-Saturday, 9.00-5.30
Late Night Opening Until 7pm Wednesday-Friday

Evesham ☎ 0386 • 765500
Birmingham ☎ 021 • 446 5050

Credit card orders: We do not charge the card until the goods are despatched.

ALL PRICES INCLUDE VAT.

Government, Education and PLC orders welcome.
All products covered by 12 Months Warranty.

MAIL ORDER DEPARTMENT

Monday-Friday, 9.00 - 7.00; Saturday, 9.00 - 5.30
Technical support (Mon-Fri, 10.00 - 5.00): 0386-769403

Dept. CUAM, Unit 9, St Richards
Road, Evesham, Worcs WR11 6TD

Call us now on © 0386-7655

Mail Order FAX: 0386-765354

Same day despatch whenever possible. Delivery on all orders up to £175.00 value is charged at £4.11. All items above this value are shipped by insured Express Courier service at £7.64 per order – normally next working day after despatch (UK mainland only, others please call). Please allow 5 banking days for cheque clearance. Immediate clearance on Bank Drafts and Building Society cheques.

All goods subject to availability. Details correct at time of going to press. Prices and specifications subject to change without notice. E & O E

3.5" FLOPPY DRIVES

External Floppy Drive

- ● Very quiet
- ● Slimline design
- ● Suits any Amiga
- ● Cooling vents
- ● Full 880K Formatted Capacity
- ● Sleek, high quality metal casing
- ● Quality Citizen/Sony drive mechanism
- ● Long reach connection cable
- ● Enable / Disable switch
- ● Throughport facility for addition of further drives

Amazing low price!

ONLY £45.99

A500 Replacement Internal Floppy Drive Kit

Fully compatible, with 1Mb unformatted capacity. Straightforward installation procedure. Kit includes full fitting instructions.

ONLY £42.99

HAND SCANNER

At a genuine 400dpi scanning resolution, this scanner produces truly superb quality scans. Has a full 105mm scanning width, variable brightness control and 100 / 200 / 300 / 400dpi resolution.

Supplied with Daatascan Professional Version 3 scanning *and* editing software, allows real-time scanning in either line art or in up to 64 simulated grey scales. Provides powerful editing features and excellent compatibility with most DTP and Paint Packages, eg. Deluxe Paint 4, Touch-Up.

ONLY £99.99

GENLOCK PLUS

OFFERING EXCEPTIONAL VALUE FOR MONEY, the Rocgen Genlock offers levels of quality, function and sophistication not normally available in this price category.

ONLY £149.99

ZY-FI SPEAKERS

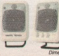
REALISE THE TRUE SOUND POTENTIAL OF YOUR AMIGA WITH THIS PAIR OF FULL RANGE ACTIVE SPEAKERS !

Your Amiga produces fine quality hi-fi stereo sound. Enjoy quality stereo sound reproduction *to the full* with this new design twin speaker system! Incorporates a built-in amplifier with separate adjustable volume controls for each speaker unit. *Speaker Dimensions 160x95x105mm (HxWxD)*

ONLY £34.08

ZY-FI PRO SPEAKERS

EXPERIENCE NEW LEVELS OF AUDIO PERFORMANCE WITH THIS NEW PROFESSIONAL TWIN SPEAKER SYSTEM.



These versatile, power amplified speakers faithfully reproduce a rich expressive sound for the discerning Amiga user. Features 15W/channel, built-in power amplifier with volume control, bass/treble controls, and detachable stands. *Speaker Dimensions 200x140x130mm (HxWxD)*

ONLY £57.58

ROM SWITCHER

SWITCHING BETWEEN VERSIONS OF KICKSTART ON YOUR A500 IS EASY WITH OUR ROM SWITCHER

You *can* improve software compatibility on your A500 By fitting our ROM switcher, you can alternate between Kickstart 2 already resident and another version of Kick ROM chip, giving you the freedom of choice. Fitting is simple indeed, and requires *no soldering* or special tech knowledge. Fitting allows methods of switching; by keyboard reset, or by external toggle switch.

Kickstart ROM not supp
A500 Revision 5 boards
require circuit modifica

ONLY £14.9

Kickstart 1.3 ROM supplied separately ....only
Kickstart 2.0 ROM supplied separately ....only
A500 Revision 5 PCB Modification Service ....

TRUEMOUSE

WE GUARANTEE that this smoothest, most responsive accurate replacement mouse you buy for the Amiga. Exc performance, with a 300dpi resol

ONLY £14.9

TRACKBALL

High performance trackball, directly compatible with Amiga. Plugs into mouse or joystick port. Super-smooth accurate - you probably won't want to use a mouse after using this Trackball ! Ful handed control. Top quality mechanical design, giving speed and accuracy every No driver software nee

ONLY £29.9

A500 POWER SUPPLY

Genuine Commodore Amiga A500 replacement Power Supply Unit. quality 'switch mode' type. Super low

ONLY £39.9

Replacement Power Supply for A590 Hard Disk ....

ACCESSORIES

Virus Protector fits to last drive in system, protecting all drives..........
Amiga 500 Dust Cover..........
Amiga 600 Dust Cover..........

CLEARANCE ITEMS

A600 with 40Mb hard disk..........
100Mb Add-on SCSI Hard Disk (piggy backs on to A590)..........
Trackball..........
Zy-Fi Amplified Stereo Speakers..........
VIDI Chrome..........
VIDI-RGB Splitter..........
GFA Basic compiler..........
AMOS 3D..........
ICD SCSI 2080..........
Home Accounts..........
Star NL10 Epson interface..........
Star LC24-200C Colour printer..........
Panasonic KX-P2123 Colour printer..........
Citizen Swift 200 Colour printer..........
Epson LQ100 printer (new)..........
HP DeskJet 500 Colour inkjet printer..........
HP DeskJet 560 Colour inkjet printer..........

All items are clearance lines or shop soiled/ hand stock. All carry a full 12 months warr Please contact our Evesham Branch for these

BUYERS GUIDE

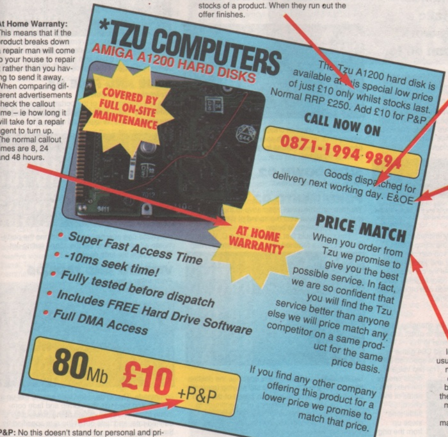
THE CU AMIGA GUIDE TO PICKING A PRODUCT

PART 3

Over the last few months the buyers' guide has covered the process of how you buy a product, this month Andy Leaning shows you how to interpret an advert.

Looking through the various advertisements in CU AMIGA you'll quickly discover that there is a vast amount of information hidden away in the text and photos on these pages.

Most of these adverts are fairly clear and helpful, but there is still the occasional 'ad speak' sentence or vague statement waiting to catch you off guard. Here we examine a typical advert and explain statements like: at home warranty, whilst stocks last, e&oe, next working day and price match, same product – same price mean.



*TZU COMPUTERS

AMIGA A1200 HARD DISKS

The Tzu A1200 hard disk is available at this special low price of just £10 only whilst stocks last. Normal RRP £250. Add £10 for P&P

CALL NOW ON

0871-1994·9894

Goods dispatched for delivery next working day. E&OE

COVERED BY FULL ON-SITE MAINTENANCE

AT HOME WARRANTY

PRICE MATCH

When you order from Tzu we promise to give you the best possible service. In fact, we are so confident that you will find the Tzu service better than anyone else we will price match any competitor on a same product for the same price basis.

- Super Fast Access Time
- -10ms seek time!
- Fully tested before dispatch
- Includes FREE Hard Drive Software
- Full DMA Access

80Mb £10 +P&P

If you find any other company offering this product for a lower price we promise to match that price.

Whilst Stocks Last: Exactly what it means. The advertiser has secured limited stocks of a product. When they run out the offer finishes.

At Home Warranty: This means that if the product breaks down a repair man will come to your house to repair it rather than you having to send it away. When comparing different advertisements check the callout time – ie how long it will take for a repair agent to turn up. The normal callout times are 8, 24 and 48 hours.

Next Working Day: Most people make the mistake of believing this to be the day after they've ordered, it isn't. If you order goods on a Friday or, say, before a bank holiday they will not arrive until the following Monday or Tuesday – not Saturday.

E&OE: Errors and Omissions Excepted. Adverts are usually produced to very tight deadlines ie they are produced quickly. In the computer market product specifications can change overnight, so mistakes are occasionally made. This abbreviation essentially means that the advertiser can't be held responsible for mistakes in the advert and accepts that mistakes may occur.

Price Match: These always look better than they are. You'll usually find some qualifying statement such as 'at the manager's discretion' or 'on same product basis'. These usually mean that the advertising company will only match the competitors' price if it wants to, or that it will only be matched with companies offering exactly the same product and specifications. As most companies offer their own bundles it is rare that you'll find two companies offering the same products to price match.

P&P: No this doesn't stand for personal and private, it means postage and packaging. Unless it clearly states that dispatch and postage are free you may assume that you'll have to pay extra for it. In most cases the cost will be quoted.

** This is a special advert created for this article.*

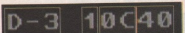
OCTAMED 4

PART 5

The key to *OctaMED*'s full power lies within its commands. This month we take a look at how they work, and what they can do for your tunes.

COMMANDS

Many of *OctaMED*'s more powerful features are accessed through the commands. The commands are all those letters and numbers next to the notes. Look at the diagram below to see where the commands sit on each line of the block.



```
D-3   10C40
```

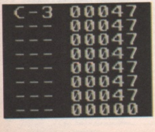
This is the note. D-3 means note D on the third octave. **This is the instrument number** **These two digits are the command.** **The last two digits are the value for the command.**

Commands change the way instruments are played. Instead of just playing the sample from start to finish, with commands you can create volume and pitch slides, arpeggio and vibrato effects, and loads of other variations. All the command numbers and their values use hexadecimal, apart from the volume command, which can be switched between hexadecimal and decimal.

ARPEGGIO 00

This creates simulated chords, by changing the pitch of the instrument three times in quick succession. The resulting sound is similar to the pseudo-chord sounds heard in old C64 game music. The root pitch of the chord is specified by the note you enter on the block. The two value digits specify the next two notes of the chord, as semi-tone steps up from the original pitch.

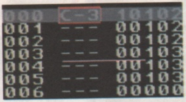
In the example on the left, the instrument will be played as a major C chord, using notes C, E and G. The note entered was C, which is the root pitch. The values of 47 specify E (4 semi-tone steps up the keyboard from C), and G (7 semi-tone steps up the keyboard from C). To sustain the arpeggio effect, enter more commands in the following lines.



```
C-3   00047
---   00047
---   00047
---   00047
---   00047
---   00047
---   00047
---   00000
```

SLIDE UP 01

Use this to create upward pitch slides. It decreases the period of the note by the åmount of the value on each timing pulse. Don't worry if that sounds confusing, as you can create pitch slides without having to enter any pitch commands. See the panel on command slides for the easy way to make pitch slides.



```
000   C-3   10102
001   ---   00102
002   ---   00102
003   ---   00103
004   ---   00103
005   ---   00103
006   ---   00000
```

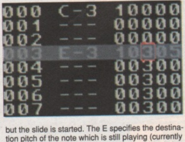
SLIDE DOWN 02

As above, but slides down.

PORTAMENTO 03

You can use this as an alternative to the slide commands. The value sets the speed of the slide. Take a look at the example below.

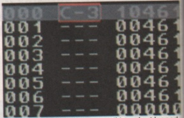
The note would first be played as a C. When the third line is reached, the note E is not played, but the slide is started. The E specifies the destination pitch of the note which is still playing (currently as C). The number 05 sets the speed of the pitch slide. The following commands of 3 continues to slide the note up until it reaches its destination pitch of E. All portamento commands after this has happened will be ignored.



```
000   C-3   10000
001   ---   00000
002   ---   00000
003   E-3   10305
004   ---   00300
005   ---   00300
006   ---   00300
007   ---   00300
```

VIBRATO 04

Vibrato changes the pitch of the instrument up and down very quickly. The first digit of the value sets the speed of the vibrato. The second sets the depth (the amount of pitch fluctuation). You can use this to add some 'movement' to a short looped instrument, or just to add strange gargling effects to other sounds. It can also sound like the motor's packed up on your tape deck.

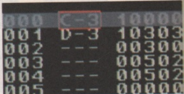


```
000   C-3   1046
001   ---   0046
002   ---   0046
003   ---   0046
004   ---   0046
005   ---   0046
006   ---   0046
007   ---   0000
```

SLIDE AND FADE 05

***Protracker* compatible.**

This is a combination of the portamento and fade commands. Set a slide going by using the portamento command as explained above. The 5 command can now be used to continue the portamento effect, and also set the sound fading out. The value is the fade speed.

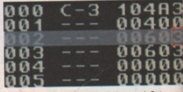


```
000   C-3   1000
001   D-3   1030
002   ---   0030
003   ---   0050
004   ---   0050
005   ---   0000
```

VIBRATO AND FADE 06

***Protracker* compatible.**

As above, but this combines the vibrato and fade commands. The value is the fade speed. Set up a vibrato, and then use the vibrato and fade command to continue the vibrato at the previously defined rate, and fade out at the rate specified by the value.

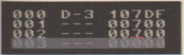


```
000   C-3   104A
001   ---   0040
002   ---   0060
003   ---   0060
004   ---   0000
005   ---   0000
```

TREMOLO 07

***Protracker* compatible.**

This is described as a kind of volume vibrato – it changes the volume of the sound at a specified rate. The first digit of the value sets the speed,

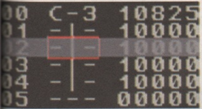


```
000  D-3  107DF
001  ---  00700
002  ---  00700
003  ---  00000
```

while the second digit sets the amount of change in volume. To continue the effect, insert 'blank' tremolo commands on following lines, as shown here:

HOLD AND DECAY 08

You can set the hold and decay values with this command. The first digit of the value is the hold length of the note, and the second is the decay rate. Lower decay rates give longer decays. Use -|- (entered by pressing Return) in following lines to extend the hold further than the specified length.



```
00  C-3  10825
01  -|-  10000
02  -|-  10000
03  -|-  10000
04  -|-  10000
05  ---  00000
```

SECONDARY TEMPO 09

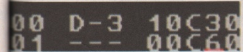
This sets the secondary tempo (the number of timing pulses per quarter note). The value can range from 0 to 20.

POSITION JUMP 0B

The song plays up to this command, and then jumps to another position in the play sequence. The song will then loop back to this specified point when it reaches the end of the song. This lets you have an introduction sequence which would only play once. The rest of the song could then loop forever, without repeating the intro. For example, to jump to position three in the play sequence, use a value of 02. A value of 00 would jump to the first position.

SET VOLUME 0C

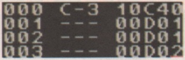
This sets the volume for the instrument, which overrides the default volume set in the instrument parameter panel. However, it does not override the relative volume of the track, set from the VOL panel, but it will be affected by it. The volume command normally uses decimal numbers for its value, but you can change to hex by clicking the VOL: HEX button from the main Play panel. Volumes can be changed when the instrument is first played, and also while it continues to play. The example above sets the initial volume to 30, and then increases it to 60. By changing the volume on each line, with a fast tempo, you can produce strobing effects that work well in dance tracks.



```
00  D-3  10C30
01  ---  00C60
```

VOLUME SLIDE 0D

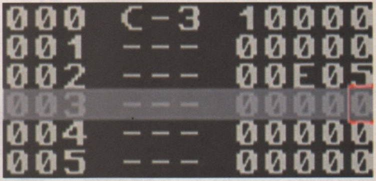
Slides the volume up or down. The first digit of the value is used to slide the volume up, the second to slide it down. This has the advantage of being smoother than changes with the C command. In this example, the instrument is played with a volume of 40, then the volume is decreased over two lines, and then pushed back up to its original level.



```
000  C-3  10C40
001  ---  00D01
002  ---  00D01
003  ---  00D02
```

SYNTH JUMP 0E

When this is used with a synthetic or hybrid instrument, it triggers a jump in the waveform sequence list. It will jump to the line that corresponds to the value given after the command. For example, in the case above, the synth sound would jump to line five in the waveform sequence.



```
000  C-3  10000
001  ---  00000
002  ---  00E05
003  ---  00000
004  ---  00000
005  ---  00000
```

MISCELLANEOUS 0F

This command has a number functions, depending on the values entered after it.

0F00: This makes the song to jump to the next block in the play sequence. If you are just playing one block, it jumps back to the top of that block.

0F01-0FF0: change primary tempo. This changes the tempo of the track. The value must be in hexadecimal, but will be displayed in decimal on the tempo slider. Tempos between 01 and 0A are compatible with *Soundtracker*. For more accurate compatibility, use the 09 command (in which case the secondary tempo should be set to 33).

0FF1: plays the note twice. A line reading C-3 20FF1 is the same as two consecutive lines reading C-3 20000 at double the tempo.

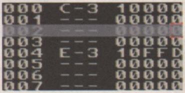
0FF2: plays the note only once, but doesn't start the note until halfway through the line (half a note later).

0FF3: plays the note three times (very fast)

0FF8: turns the low-pass filter off.

0FF9: turns the low-pass filter on.

0FFD: changes the pitch of the sample currently playing, without re-triggering it. This is very useful if you don't want a noticeable jump back to the start of the sample, when you've got a long instrument sound, but you want a change in pitch. The example below plays the instrument at C-3, and then changes the pitch to E-3.



```
000  C-3  10000
001  ---  00000
002  ---  00000
003  ---  00000
004  E-3  10FFD
005  ---  00000
006  ---  00000
007  ---  00000
```

0FFE: stops the song playing. This can be entered by clicking the STOP button whilst holding down the shift key.

0FFF: stops the instrument playing in that track. This also works with MIDI instruments, and is handy for songs using more than four sample channels.

COMMAND SLIDES

OctaMED 4 has a handy function for creating volume fades, and with a bit of trickery, you can use it to create slides for use with any of the other commands. To create a volume slide between two notes, both of the notes must have their volumes specified by the C command, as in the picture below.

Move to any line between the two notes, and click the VOL button from the RANGE panel, making sure that edit mode is active. The lines between the notes will be filled with volume commands, ranging from the value of the first volume to the second (see below).

By creating a volume slide, and then changing all the Cs to another number or letter, you can have automatic graduations of any other command. All the other commands use hexadecimal values, so you should first change the volume setting to hex. Do this by clicking the HEX button from the PLAY panel. Now your volume slides will be in hexadecimal.

If you want to keep your volume commands in decimal, remember to click the DEC button next to the HEX button after you have created the slide.

PITCH SLIDES

The pitch slide functions are similar to the volume slider. Enable edit mode, and position the cursor over the first note, or the line from which you want the slide to begin.

Click the SLIDE: 2 button from the RANGE panel, and the appropriate slide commands will be inserted to the following lines. Alternatively, use the SLIDE: 1 button, which creates a portamento type of slide.

NEXT MONTH

We continue with explanations of all the remaining commands next month, including all the MIDI commands.

CU AMIGA READER OFFERS

APOLLO

RAM BOARDS FOR

A500/600/1200

APOLLO AMIGA 1200 8MB 32-BIT RAM EXPANSION, CLOCK & OPTIONAL FPU FROM WIZARD

- WORKS WITH ALL AMIGA 1200'S
- AVAILABLE WITH 0, 2, 4, 8MB 32-BIT FAST RAM INSTALLED
- USES INDUSTRY STANDARD 72-PIN SIMMS
- OPTIONAL PLCC TYPE FPU (FLOATING POINT UNIT)
- BATTERY BACKED CLOCK FITTED
- INSTALLS IN MINUTES
- FINGER CUT-OUT FOR NOVICE INSTALLATION
- 2 YEAR WARRANTY

2 YEAR WARRANTY

FREE UK DELIVERY

A1200 8Mb RAM/FPU/RTC

33MHz FPU
£39.99
Code: CU233

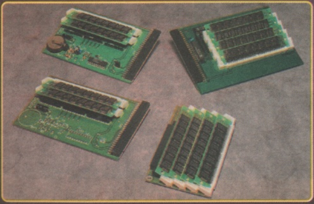
0Mb RAM	2Mb RAM	4Mb RAM	8Mb RA
£59.99	£119.99	£179.99	£299.
Code: CU200	Code: CU202	Code: CU204	Code: CU2

APOLLO AMIGA 500 & 600 RAM BOARDS FROM WIZARD

- HIGH QUALITY - LOW COST DESIGNS
- LOW CHIP COUNT TO IMPROVE PRODUCT RELIABILITY
- ALL BOARDS INSTALL IN MINUTES
- 2 YEAR WARRANTY

FREE UK DELIVERY

2 YEAR WARRANTY



	No Clock	With Clo
A500	£19.99 Code: CU401	£24.9 Code: CU40
A500 Plus*	£29.99 Code: CU403	
A600	£29.99 Code: CU404	£39.9 Code: CU40

* A500 Plus has a clock as standard.

AM

.99

208

D

ock

99

02

9

05

FROM WIZARD DEVELOPMENTS

SATURN

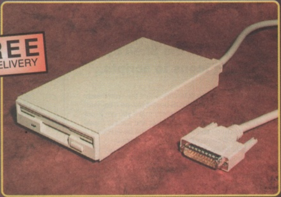
1MB FLOPPY DRIVE FOR
ALL AMIGA'S

SATURN AMIGA EXTERNAL 1MB FLOPPY DISK DRIVE FROM WIZARD

- COMPATIBLE WITH ALL AMIGA'S
- HIGH QUALITY SONY® DRIVE
- ROBUST METAL CASE
- ANTI-CLICK AS STANDARD
- SWITCHABLE ANTI-VIRUS
- ENABLE/DISABLE SWITCH
- LOW POWER CONSUMPTION
- THRU PORT FOR EXTRA DRIVES
- 2 YEAR WARRANTY

FREE
UK DELIVERY

2
YEAR
WARRANTY



Amiga External
1Mb Floppy Drive
Code: CU100

£49.99

TO ORDER, YOU CAN CALL US ON

0322-272908

BETWEEN 9AM AND 6PM, MONDAY TO FRIDAY, TO PAY BY ACCESS OR VISA. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE FORM BELOW TO:

WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

WHY BUY FROM WIZARD ?

- LEADING EDGE TECHNOLOGY AT DOWN TO EARTH PRICES
- OUR BUYING POWER ENSURES AGGRESSIVE PRICES AND ULTRA-FAST DELIVERY
- ALL OF OUR PRODUCTS HAVE A 2 YEAR WARRANTY
- WE PROVIDE PRODUCT LIFE-TIME SUPPORT
- FULLY TRAINED STAFF TO PROVIDE THE HIGHEST LEVEL OF SALES AND TECHNICAL SUPPORT
- ALL PRICES INCLUDE UK CARRIAGE
- THE PRICES SHOWN ARE WHAT YOU PAY

Please send me the following items (please quote product codes shown in the advert).

Product Code	*Description*	*Price*

Name ____________________

Address ____________________

____

Post Code __________ Phone No. __________

If you are paying by Access or Visa, please provide the card number and expiry date below.

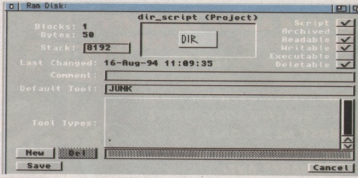
Card Number ____________________ Exp. Date __________

Cheques should be made payable to Wizard Developments.

All prices include VAT and carriage within the UK mainland. All products are subject to availability. E&OE. Advertised prices and specification may change without notice. Please allow 21 days for delivery - subject to stock availability. Please allows 7 working days for cheque clearance.

MASTERCLASS

In this month's masterclass, John Kennedy helps you do away with the Shell by adding icons to scripts.



Ram Disk:

dir_script (Project)

Blocks: 1
Bytes: 50
Stack: 8192
Last Changed: 16-Aug-94 11:09:35
Comment:
Default Tool: JUNK
Tool Types:

Script ☑
Archived ☐
Readable ☑
Writable ☑
Executable ☐
Deletable ☑

Sometimes the boundary where the Workbench ends and AmigaDOS begins can be a bit hard to cross. This is especially true if you are experimenting with AmigaDOS scripts and want to create your own icon so that the scripts can be executed from the Workbench like any other program.

Thankfully, there is quite an easy way around this problem, by making use of a special command hidden away on the Workbench disk. ICONX (short for Icon eXecute) lives in the Workbench C: directory, and it is used to tie a script to an icon.

Let's create an example from scratch. Once you have grasped how it works, it will be easy for you to transform your own AmigaDOS programs into click-and-go icons.

First, let's create an AmigaDOS script – a script is nothing more than a plain text file full of Amiga DOS commands. The commands will be executed in order, as though you had typed them by hand at the Shell prompt. Use a text editor (not a Word Processor) to create a file containing the following:

```
echo "Performing listing of disk
directory..."
dir
echo "All done..."
```

If you don't have *GoldED* (public domain) or *Cygnus ED* (a commercial product), use the Commodore supplied ED command to create the file. It is important to use a text editor to ensure that no extra text formatting or style codes are allowed to sneak into the text. Save the file to the RAM Disk (RAM:) under the name DIR_SCRIPT.

You can check the file to make sure it's correct with the TYPE command at the Shell:

```
type ram:dir_script
```

Note that the case of the letters and filenames isn't important at the moment. Normally you could get this script to run by using the EXECUTE command at the Shell prompt, like this:

```
execute ram:dir_script
```

You might even have gone so far as to make the script execute automatically by setting the Script flag. The concept of file flags might be news to you, so from the Shell enter the following:

```
list ram:
```

You should get a list something like this displayed:

```
dir_script.info                 3001 —
rw-d Today        11:13:13
dir_script                        50 —
rw-d Today        11:09:35
Disk.info                       3664 —
rw-d Today        09:54:44
ENV
                                  Dir —
rwed Today        09:54:42
Clipboards
                                  Dir —
rwed Today        09:54:35
T
                                  Dir —
rwed Today        11:13:15
3 files - 3 directories - 216
blocks used
```

The 'flags' are the series of letters and dashes that appear after the size of the file. One of the flags is the Script flag, and you can set it using the PROTECT command:

```
protect ram:dir_script +s
```

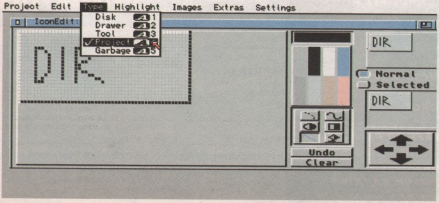
Now when you perform a list, you should see the extra flag present beside the dir_script file. You can unset the flag using '-s' instead of '+s'. The other flags mark the files as read-able, write-able, delete-able and execute-able – you might want to experiment with them, but use your own test files rather than important Workbench utilities.

There are others flags (such as hidden, pure and archive) which are less common. The flags are really only of use when third-party disk backup programs are being used. In any case, when the dir_script has the 's' protection flag set, it will now execute automatically at the Shell. All you need to do is enter its name, like this:

```
dir_script
```

DRAW AN ICON

This automatic execution is very useful, as it allows you to define your own new AmigaDOS commands. You can even pass parameters (such as filenames) into them, but that, as they say, is another story and it's still far from being our click-and-run solution. Returning to that particular challenge, the next stage is to use the Icon Editor program to create an icon.



Create a suitable icon with the *IconEdit* program (supplied as part of the Workbench). If, like me, you can't draw there are plenty of icons in the Public Domain.

CU AMIGA'S UTILITY OF THE MONTH

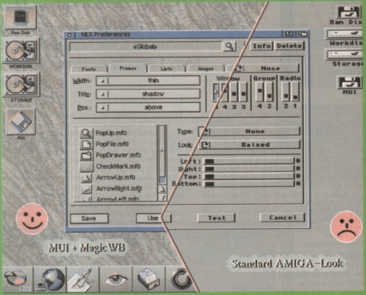
Here is a utility you must get. I demand you contact your Public Domain library or fire up your modem and get *Magic Workbench 1.2p* immediately. This program is essential, and if you are using your Amiga where Apple Mac or IBM PC users can see your Workbench it's your duty as a loyal Amiga fan.

Magic WB is a set of replacement icons, fonts and backdrop patterns which will revolutionise your Workbench environment. They require an 16-colour Workbench display, and as you can see from the picture they look absolutely superb.

If you have a multisync monitor and are using a large (say 640 by 480) display or if you are running Workbench on a graphics card (a Retina or Spectrum for example) you will be rewarded with a display which wouldn't look out of place on a multi-thousand pound graphics workstation.

The file you need is *MagicWB1.2p.lha* and you'll find it on the Aminet in the utils/wb drawer. It should also be in the CU Amiga Information Vault if you can't get it elsewhere. To encourage users to register *MagicWB* (and also pay a small fee), the author (Martin Huttenloher) has produced an extra special collection which is only available to those that stump up the cash.

Magic User Interface is another good utility which has a similar name to *MagicWB*, but a slightly different purpose. *MUI* is an series of extensions to Intuition itself, rather than a set of pretty pictures. If you program, *MUI* can save you a lot of work as it manages everything from fonts and window resizing entirely automatically. At the moment there are only a few programs around which require *MUI*, but far and away the most important is *Mosaic* – the Internet World Wide Web browsing program. *Mosaic* won't operate without MUI, so make sure you get a copy if you are thinking of netsurfing. It too is available on the Aminet (in devs/gui/) and I'll put a copy in the vault.



Width: thin
Title: shadow
Pos.: above
PopUp.mfo
PopFile.mfo
PopDrawer.mfo
CheckMark.mfo
ArrowUp.mfo
ArrowRight.mfo
ArrowLeft.mfo
Type: None
Look: Raised
Left:
Right:
Top:
Bottom:

Make sure you set the type of the icon to be a Project icon. This is important, because if you get it wrong the necessary information can't be stored in the icon's .info file. If you load in an existing icon rather than draw one, remember to check that the type hasn't been reset.

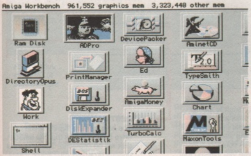
Save the new icon using the same name as the script, and in this case put it in the RAM: disk too. Don't worry about the script getting overwritten – it won't be, as the '.info' suffix will be added to the name.

Now leave the IconEdit program and use the Workbench Icon Information command (from the Icon pull-down menu) to get a display of icons. You now will need to alter the Default Tool to read IconX – nothing more, nothing less. Don't try and include anything after IconX or it won't work. Now select save.

JOBS A GOOD 'UN

Amazingly that's all there is to it. When you click on the icon you have just created, iconx will load and execute the dir_script file: just like that. Note that the script file doesn't have to have the 's' bit set, IconX will run it anyway, but if look at the Workbench Icon Information window you will see that it is set to be a script. This is another way of setting the protection flags if you don't like the Shell. (Is there anything that can't be done from the Workbench?)

There is one thing you will have to make sure that of, and that is when you copy the icon anywhere other than the RAM disk the script is copied too. This will usually be done automatically when the icon is dragged, but check to make sure.



```
Amiga Workbench  961,552 graphics mem  3,323,448 other mem
```

How many icons could you possibly need? These sets where taken from the Aminet, in the pix/icons/ drawer – the filenames to look for are Romicons.lha and Taulcons.lha.

ICON EXTRA

There are few extra facilities offered by IconX, controlled by adding items to the ToolTypes list. First of all, you can specify the length of time (in fiftieths of a second) for which the script window opens. This is done with the DELAY= command. If you put DELAY=0 the window won't disappear until you hit Control C with the window active. Be careful, as the case of the letters is important in the ToolTypes list.

Secondly, you can control the size of the Window which the script opens. If you add the following to the ToolType list:

```
WINDOW=CON:0/100/600/200/My Script
Window
```

and a window 600 pixels wide and 200 lines long will be opened at coordinates 100 down and 0 across on the Workbench display. The title of the Window can be anything you specific in the ToolType.

If you don't want the script to open a window at all, you can specify the window type like this:

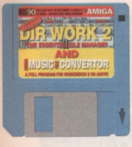
```
WINDOW=NIL:
```

This can be useful for some utility programs – for example, I use it to run my Internet dial-up software.

EXTRA PARTS

If you are planning on improving your Workbench, and especially if you have installed Magic Workbench, there are plenty of other icons around waiting for you to use. The best place to look for them is on the Aminet. There are quite a few archives of icons buried away, and you can see some of the best in the screenshot bottom far left of this page.

When using these icons, it is usually best to use IconEdit to load the original icon image, and then load the replacement icon over it. You must make sure that all ToolTypes and Stack sizes are maintained: you can check by using 'Information' from the Workbench Icon menu.


90
AMIGA
DIR WORK 2
THE ESSENTIAL FILE MANAGER
AND
MUSIC CONVERTOR
A FULL PROGRAM FOR WORKBENCH 2 OR ABOVE

DIR WORK TUTORIAL

PART 1

The excellent DIR Work was September's coverdisk demo. Continuing on from last month's coverdisk pages, Andy Leaning explores some more features of this fantastic program.

Last month I covered the basic file tools of *DIR Work*, such as Copy, Move, Delete, MakeDir, Show and Run etc. This month I'll be covering the DISK functions of the program. But before doing so I'll briefly explain the remaining buttons that I didn't get around to covering last month: these being INSTANT, PLAYSS, PLAYMOD. INSTANT: will analysis the file type currently selected and make an intelligent guess as to what can be done with the file and carry this out. A program for example will be run, a sound file will be played, whilst a graphic file loaded and displayed. PLAYSS: Will load and play sound files in the 8SVX file format, whilst PLAYMOD will play *ProTracker* and *SoundTracker* audio files.

The DISK functions (Format etc) can be accessed by clicking on the DISK button or the menu option 'FLOPPY DISK/COPY/INSTALL'. The program can handle normal or high density disks, and when selected brings up a window containing a series of buttons. Clicking on these buttons allows you to select which disk drives to use and what functions to carry out. The screenshot below shows the requester that will appear when you click on this button, on the next page you'll find a similar picture covering the SYS button. Next month we'll examine how to configure the program.

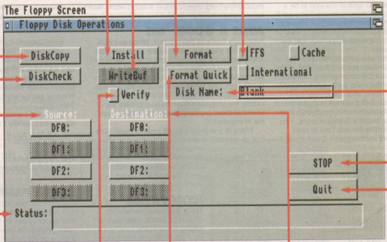
FORMAT: Clicking on this button will format the disk in the Destination drive, using a normal AmigaDos format command.

FFS, Cache, International: These affect the directory structure of disks when formatted. FFS (Fast Filing System) means that the disk will have faster access times, Cache has a similar result. International will format the disk using an international text structure which can be recognised in other countries.

DISKCOPY: This copies the entire contents of the disk in the drive identified as SOURCE to that marked as DESTINATION.

WRITEBUF: Allows multiple copies of a disk to be made. If two disks are present and they are the same, *DIR Work* will keep the contents of them in memory. If you then insert a new disk into a drive you can click on this button to write the contents of memory out to the new disk without having to read the disk in first.

INSTALL: Makes the source disk bootable.



Disk Name: Blank

DISKNAME: The name of the disk after formatting; EMPTY for example.

DISKCHECK: When you click on this button the program will try to read every bit of the disk in the SOURCE drive and test the disk for reliability in the process.

SOURCE: The buttons below this label determine which disk drive holds the disk you wish to copy from, or check. The contents of this drive will be copied to the disk in the 'destination' drive.

STOP: Aborts the current operation: Disk Copy, Format etc.

QUIT: Jumps back to *Dir Work* main screen.

STATUS: A status window telling you how far the current operation has got.

VERIFY: Clicking on here will double check every time the program writes something to the disk - making sure it has been written correctly.

QUICKFORMAT: Similar in result to the normal Format command, but uses a quicker technique. This does not format the entire disk, but rather just the tables at the start which hold the information about the disk contents – formatting these fools the Amiga into thinking that the disk is blank.

DESTINATION: The buttons here signify which drive holds the disk that the source disk will be copied to. These are the buttons on which you click to Install, Format, and Format Quick.

The SYS button on the main *DIR Work* screen provides a range of diagnostic tools revealing the content and capabilities of your Amiga. Clicking on the SYS button brings up another window, this time containing a row of buttons at the bottom of it. From these buttons you can find out practically everything you could want to know about the current state of your Amiga.

These buttons cover both the hardware and software configuration of your system. The pictures below give you an idea of the kind of displays and information each button reveals.

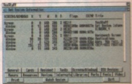
CARDS: If you have a big box Amiga (A1500 to A4000) this will show what Zorro expansions you have.

RESIDENT: Shows all programs, tasks and libraries resident in memory at the moment.

TASKS: Similar to RESIDENT, giving information about which tasks are loaded.

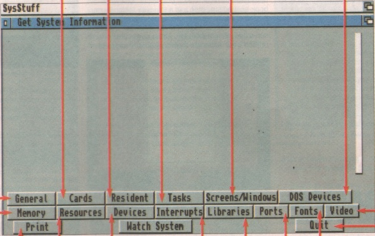
DOS DEVICES: What device handlers (software) are linked to which DOS devices, ie what driver you've loaded to control the floppy drive, internal hard drive etc.

SCREEN/WINDOWS: Ever get confused about all the windows and screens that are open on your system, DIR Work to the rescue!



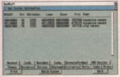
VIDEO: Need to find the resolution of a particular screen mode? Click here to solve your problem.

GENERAL: Tells you information about the operating system and chips inside the Amiga, including the processor, maths co-process, which version of Kickstart and Workbench and the type of graphics chipset that you have.



QUIT: Jumps back to the main DIR Work screen.

MEMORY: The configuration of your RAM etc.



DEVICES: The names and addresses for the various software drivers for the hardware interfaces, such as the keyboard, and system timer.

LIBRARIES: If it's been a while since you spring cleaned your boot disk you've probably got loads of unused libraries floating around. This will help you find out what libraries are being used.

FONTS: Pretty obvious really, what fonts are in use.

PRINT: Prints out the current display, giving you a hard copy of the information current on screen.

RESOURCES, INTERRUPTS, PORTS: These three buttons are probably only useful to programmers, and reveal what software drivers are being used.

LET'S GET ANIMATED

PART 4

The fourth in our unique series of expert animation guides mixes fun and professional projects using *DeluxePaint* or *Brilliance.*

Why animate? Anyone who has created an animation will know the answer – it's a combination of the sense of achievement in actually getting a computer to turn your dreams into reality, and the chance to let your imagination loose and create the impossible.

And the bonus for those with high ambitions is that you can use your sequences as video titles or as opening scene-setters for a display of static graphics. Like the genius demo-makers who spend months on a five-minute flash of inspiration on the Amiga, it can just be Art for Art's sake.

So whatever your reasons for developing your animation skills, this month's tutorial will hopefully offer some new ideas and a little inspiration to help you get the very most out of your Amiga and your chosen drawing package, whether it's *DeluxePaint* or *Brilliance*.

TUTORIAL 1

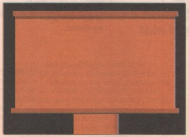
BRILLIANCE:

RED RIBBON

Object: using a morphing brush, to melt one object into another as a title for a wedding video.
Mode: *Brilliance*, 32 colour low-res; default palette; 20 frame sequence

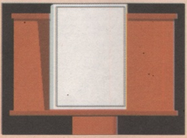
Although this example would make a good video title, the techniques used can be employed for any animation where part of one object morphs, or changes into another in a surprising way. In this example you'll also learn how to make quick and easy wood-grain effects .

① The lectern on which the book stands is made up of two rectangles. Select mid brown as the foreground colour and draw a filled rectangle in the middle of the screen, as in the illustration. Using a brown which is one stage darker, draw the thin rectangular lips on the top and bottom, and add a light brown high-light on the top edges of the thin rectangles. The stand is simply a vertical rectangle centred under the larger one, with a thin rectangle acting as a 3D slide on the right-hand side.



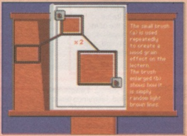
Five rectangles, and you've built your lectern. Note the highlight on leading edges.

② Rectangles again, this time they are for the book resting on the lectern. First of all draw out a white book-shaped box, then use a thin grey rectangle on the left of this to simulate the spine. A little hand-drawing on the top edge and you should be able to curve the spine realistically. Add a single-pixel unfilled black rectangle slightly inside the edges of the book to give it a little detail. A very nice touch is the shadow cast by the book. This indicates that it is leaning at an angle, and is simply a filled polygon using the same colour as the dark brown lectern edges.



A white rectangle, a polygon shadow, and the book is in place.

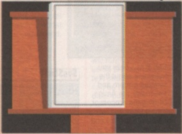
③ The wood begins to look more realistic now with the addition of a little grain. This is created by drawing a 3cm by 3cm image consisting of squiggle lines. Use the same colour as we did for the edge highlights on the lectern, and cut this out as a brush.



The small brush (a) is used repeatedly to create a wood grain effect on the lectern. The brush enlarged (b) shows how it is simply random light brown lines.

That's all you need; and to actually paint it on easily, we can call on *Brilliance*'s Stencil function.

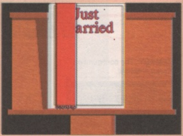
④ Right click the Stencil tool (the letter S) to bring up the stencil requester. Now I know this can be a bit confusing, but here's how to protect every colour but one – and that's the colour we used for the lectern, which is so badly in need of wood-grain. Click on Clear to start with a clean slate, then click on Select, and click on the main lectern rectangle.



A quick way to simulate wood grain– small brush, a stencil, and it's done.

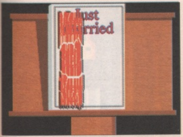
You should see a white halo appear on the palette around the colour to show it's selected. Now click on Invert, then on Colours. The halos circle every colour EXCEPT your brown.

⑤ Select Freehand draw, and with your brush active, you can paint on-screen now to your heart's content, safe in the knowledge that you won't harm any of your drawing; paste the grain brush randomly on the lectern – remembering to leave a fair amount of the original colour intact – until you are happy with the woody feel of it. Bear in mind, though, that it doesn't have to be perfect because it's only a background detail.



A line of text is added. You can also see the start of the Animbrush showing a ribbon in place.

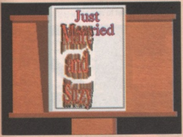
⑥ Switch off the Stencil with a click of the pointer on the S. Call up the Animation menu (click on the tool which looks like a movie camera) and enter 20 as the frame count after clicking on the Set # button. We'll be doing some intermediate drawing work now, so press key j to move to the Spare screen. Draw out a ribbon-shaped long-red rectangle for the bookmark, and add a few tassels on the lower end using the single-pixel freehand tool.



The ribbon starts to morph into our second brush ...

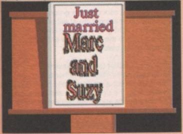
⑦ Right click on the A tool to bring up the text requester, and choose a medium-sized font (mine was 48pt). Draw two short lines of text, using your own names if you like. Cut out the ribbon as a brush, and with the darkest of the grey range of colours as your foreground, press the o key to outline the edges, so it can be seen better, and paint it back down. Do the same with the text, as it helps the letters to stand out.

⑧ Cut out the ribbon, and right click on the Scissors tool to bring up the Brush menu, then click the brush into storage slot one (the first of the stamp-sized rectangles in the requester). Similarly, cut out the text, but place it in the second slot

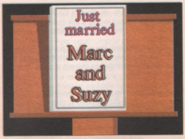


... and it transforms, it moves to its new location ...

⑨ With your text as the currently active brush, call up the Animbrush menu (right click the icon showing scissors and projector together) and enter 20 in the Frames box in the Morph section; click on the small number 1 under the From section, to indicate you want the brush in slot 1 (the ribbon) to morph into your current brush (the text). This will take a while as the process completes. You should now store your Animbrush in slot 3 of the brush menu requester for safe-keeping (right-click on the scissors tool to access).



The text now becomes more recognisable as the animation nears its end.



... until it reaches its destination, and is revealed.

⑩ Switch back to your main drawing screen (key j), and call up the Path of motion menu (you can call it up by clicking on the Tweening icon, which looks like a stack of papers, or press keypad 3, which is the menu hot-key for animation). Ensure your Animbrush is currently active (if it isn't, retrieve it from the brush storage slot); Position the first cell, which will be the original ribbon, where you want it on the book, and right click the mouse button. Immediately do two things – press key u to return your image to the way it should be, and press key 7 to move the Animbrush back a cell.

⑪ On the path of motion requester, click on start, then brush to set the position you just registered. Now press key 8 until your Animbrush reaches the last cell, which shows the text. Position this on screen where you want it to appear, and as in stage 10, Undo this action (u), and move back a cell (7). On the motion requester, click on End, and From Brush, to set the final position of the Animation. TIP: Space bar will clear the overcrowded menu clutter, and return it after you've finished drawing.

⑫ Click on Draw to see your Animbrush drawn on screen, beginning life as a bookmark, then changing over 20 frames to spell out the message – moving as it morphs. An elegant use of some very powerful features.

Ideas: How about an outline map of a country morphing into it's name? Or a seedling morphing into an oak tree to show stages of development?

TUTORIAL 2

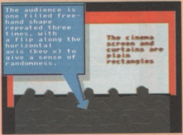
DPAINT:

CINEMA VERITE

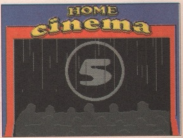
Object: to simulate a movie theatre showing an old silent movie, to act as a title for your own art display or video.

Mode: DPaint, 32 colour low-res; default palette.

It's a nice, ironic twist, to use the metaphor of a silent movie as part of a computer animation. It's also a doddle to do.


The audience is one filled free-hand shape repeated three times, with a flip along the horizontal axis (key x) to give a sense of randomness.
The cinema screen and curtains are plain rectangles

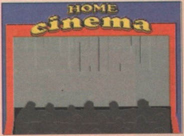
How the home cinema is built up; rectangles for the screen and curtains, and a filled freehand brush for the audience.



The show is about to begin.

① Possibly the hardest part of the sequence is the movie theatre itself. But if you look closely at the illustrations, you'll see it 's constructed purely of rectangles. First of all, select dark blue as the background colour (right click on it in the palette) and clear the screen.

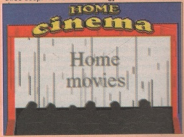
② Draw a wide and deep mid-grey rectangle for the screen. Add thin red rectangles at the top and both sides for the plush curtaining, and add a few folds to these by using a darker red, and the straight-line single-pixel drawing tool.



Crummy projectionist has started showing the film leader. Stop stamping those feet!

③ Switch to the spare screen (j).To create the 'audience', select the freehand filled drawing tool, and using dark grey as the foreground colour, draw out the shapes of several heads on a block around 4cm deep. Don't worry if they look like turnips – it's not very precise! Cut out these heads as a brush, and with mid-grey selected as foreground colour, press key o to outline them and give them a cinematic halo. Paint them in front of and below the screen; press key x to flip the heads brush horizontally, and paint them a few cms lower down the screen, slightly off-set from the first row.

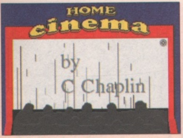
④ Do the same again until you have a row of heads three deep. How's that for energy conservation?



The tension mounts as the titles come up on screen What treats are in store I wonder?

»

»

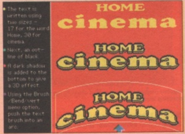


Look at the scratches on this then.

⑤ Tidy up the audience to give them straight left, right and bottom edges. Call up the Anim/ Frames/ Set # menu, and create 25 frames based on this image.

⑥ A lot of the old movies began with a count-down of numbers, and if the projectionist was a bit dozy, the audience would see them. We can create that effect now. Switch to the spare page (key j), clear it and draw out a hollow mid-grey circle of around 6cm diameter using the medium round brush. Cut out the circle, and paste it on screen four times. Using a large font, add the numbers 5, 4 and 3 to a circle in turn, leaving one blank.

⑦ Cut out the 5 circle, and switch to frame one of the animation. Paint it down in the centre of the screen. Switch to the spare screen again, and cut out the 4 circle. Switch to the animation screen, and position your new brush over the first one – but don't click the mouse button yet; advance a frame by pressing key 2, and now paint down brush two, which will be in the right place provided you haven't moved the mouse! Cut and paste the 3 brush in the same way, and use the empty circle for frames 4 and 5 of the animation (for some reason the numbers 2 and 1 are never used on the film leader).


- The text is written using two sizes – 17 for the word Home, 30 for cinema.
- Next, an outline of black.
- A dark shadow is added to the bottom to give a 3D effect.
- Using the Brush /Bend/vert menu option, push the text brush into an arc.

Here's a quick guide to getting a nice, bijou title for your cinema screen. Cut the brush, shadow it then bend it.

⑧ Go to the spare screen, and clear it. You can now enter your text – I've used two items, a title 'Home Movies', and a credit by-line. I wrote the text in dark grey, and cut it out as a brush; before going to the animation screen, outline the text by selecting black as the foreground colour, and pressing key o. Swop back to the animation (key j) with your first portion of outlined text; you should be on frame 6. Advance a frame (key 2) so there will be a 1-frame pause between the numbers finishing and the text appearing.

⑨ Paste down the text centrally on screen. Don't move the brush and press key 2 to advance a frame and paint down the text again. Now here's a novelty – I WANT you to move the brush a few mm up, down or from side to side before painting it down. Do this for the next six frames. The reason is that it will make the text appear to jump, like an old film might in a rickety projector.

Do the same with the second portion of text, pasting it on screen until you reach the end of the animation. (Remember to move it slightly from frame to frame).

⑩ Playing back the sequence now (key 4) shows a nice, clean effect. But we need to degrade it to give it a fake old feeling. To do this, switch to the spare screen, and using the straight line tool draw streaks of around 6cm down the screen in light and mid grey – as if a comb with teeth missing had been dragged down the screen. These will be our 'authentic' celluloid scratches. Cut out the lines as a brush, and go back to the animation screen, beginning at frame 1.

⑪ To protect your drawing from having scratches put in the wrong place, make a stencil of everything except the colour used for the screen; Call up the Stencil requester – Effect\ stencil\make) and select the colours to protect. Click on Make Stencil.) Now you can paint your scratch brush on the screen; just one click of the button to place the lines, then advance a frame (key 2) and move the brush down slightly and click again. Do this throughout the length of the sequence until you're happy with the effect. When you are, turn off the Stencil.

⑫ The showman-like lettering above the screen is flashy and quickly achieved: write out your text on the spare screen, add a dark drop shadow and outline it before cutting it out as a brush. From the Brush menu, select Brush/bend/vertical, and push up the brush until it forms a nice curved arc. Place this manually on each frame, remembering that this time the brush shouldn't move between frames!

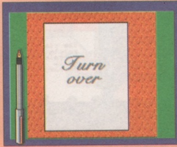
Ideas: Once your cinema is set up, you can indulge in 50's style wipes and fades using different shades of grey. Or place a digitised sequence in that setting for a lovely effect.

TUTORIAL 3

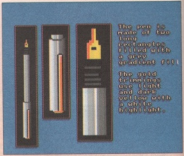
DPAINT:

PAPER MATE

Object: To mimic a sheet of paper turning over to reveal a message underneath.
Mode: *DPaint*, 32 colour low-res; default palette: 20 frames.



Rectangles again - but it's what you do with them that matters.

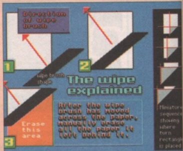

The pen is made of two long rectangles filled with a grey gradient fill

The gold trimmings use light and dark yellow with a white highlight.

The pen, a nice touch to the image, is a combination of filled gradient rectangles and single line highlights.

A feature much-loved by dramatic movies for things like calendar sheets flipping over, this is a simple version of the turning page effect. Although we do not curve the top sheet realistically as it turns, at the rate the animation plays and given the added difficulty, this is still a very competent and rewarding effect.

① The blotter backdrop is optional, but you should try to do it for a couple of reasons; it provides a frame of reference for the viewer, and could be useful for other projects you might like to base around it. The basis is a large green rectangle which almost fills the screen, whose background is set to mid blue.



The wipe explained

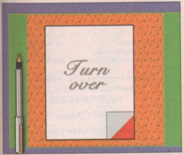
After the wipe brush has moved across the paper, manually erase all the paper it left behind it.

Hopefully this diagram, together with the detailed instructions, should help you create the initial wipe which leads the way to the turning page effect. Stick with it – it's worth the effort.

② The cork effect is achieved by speckling four light shades of brown on a dark brown 3cm x 3cm square. Use the single pixel brush to dot speckles randomly, then cut out this area as a brush. Call up the Fill requester (Right click the paint can tool), and following that select From Brush and Pattern.

Now, when you draw out a filled rectangle, it will be filled with a repetition of the brush. Draw a rectangle for the cork over the green as shown in the illustration, leaving 3 cm at either edge. Add a single-pixel light green highlight line to the top edge, and one to the inside edge of the right-hand side of the blotter.

③ The pen, another touch of realism, is made of two thin rectangles filled with a horizontal grey-gradient. To select a gradient, call up the Ranges requester from the Colour menu and place a dark grey colour at one end of the placement bar, and white at the other. Then call up the Fill requester again, and select the horizontal fill feature (click on the button showing arrows going left and right). The nib and gold pocket clip were drawn in



The blotter forms a clever backdrop to the sequence. It's a filled rectangle using a small speckled brush as the pattern.

magnify mode, and are simply straight lines. Cut out the pen, and outline it in black (key o with black selected as the drawing colour) before placing it in an appropriate place on the blotter.

④ To add realism, using the magnify mode draw a dark edge to the right of the pen as it rests on the blotter. This creates a really great shadow and gives the pen a really solid feel to enhance the gradient highlights.

⑤ Now the background is complete, save it. We have other things to do now, and we need to clear the decks for the animation. Don't worry, we'll be loading it back soon.

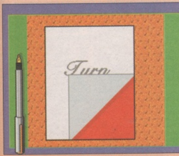
⑥ Clear the screen to black now. Go to the fill requester and click on Solid. Draw out an A4-shaped white rectangle, which will be our sheet of paper. Create 10 frames based on this simple image (Anim/Frames/set # pull-down menu).

⑦ Go to the spare screen (j) and select the filled polygon tool; clear away the menus by pressing key F10 (return it the same way when you need it. For now we need to work on the entire screen area).

Draw a white polygon which starts in the top-right corner, goes to the left bottom corner, moves 5cm to the right, then slopes upwards at the same angle as the first line to 5cm below the start of the drawing, then joins the start position. This is more difficult to explain than to do; a glance at the illustration should be a big help! This is our wipe tool, so cut it out as a brush, and go to the first frame of the animation.

⑧ Call up the line spacing requester (right click on the line tool), and enter 10 in the N Total box; activate the N Total button before finally closing the requester.

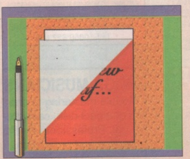
Select black as the drawing colour, and press key F2 to turn your brush black. Select the line drawing tool, and place your brush at the lower left corner of the screen.



The moving page turns, and uncovers a message just waiting to be read ...

With your finger continuing to press the Alt key, draw out a line to the top left of the screen, and let go of the ALT key. The wipe brush will work up screen, one frame at a time, erasing portions of the white rectangle as it goes.

After it has finished you will need to tidy up the animation by filling with black the bits of white rectangle left BELOW the path of the wipe brush. Erase all traces of the paper after frame 10.



Can't just make that out ... Note how the underside of the turning page peels back and starts to overlap onto the blotter.

⑨ Phew! A quite complicated description, but if you followed it OK you should have an animation now which shows a rectangle of white disappearing gradually by being wiped from its bottom right corner to its top left.

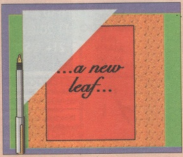
⑩ We're going to add the 'underside' of the turning page now. Call up the Stencil requester, and protect ever colour EXCEPT the white used for the sheet of disappearing paper. Choose light grey as the drawing colour, and call up the Fill requester again and ensure the fill type is Colour.

The next addition to the drawing requires a little imagination. Go to frame 1. We're adding the 'turned' portion to the paper, so the amount of 'turn' should roughly be equal to the bit of the page that's missing.

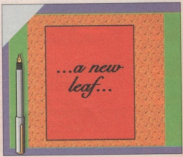
So choose filled rectangle as the drawing tool, and place your crosshair where the bottom and right edges of the paper would have been, if we hadn't wiped them.

Draw upwards, and let go of the button when the top and left edges of your new rectangle are in the position from where the white paper has been cut.

Repeat this for each 'nibbled page', advancing a frame at a time by pressing key 2.



The message is almost uncovered.



... and the top sheet disappears off the top left of the screen.

⑪ Do this for the remaining frames, overlapping the top left of the white paper as the turned portion becomes larger than the section which is left. To do this, turn off the stencil to allow you to draw on the background.

You will reach a stage when there is nothing left of the white rectangle, but you should still draw your grey rectangle, disappearing off the top left of the empty screen.

⑫ On the spare screen, draw out a red rectangle the same size as the white one we've just been animating, and cut it out as a brush. Go to frame one of the sequence, and call up the Stencil requester. Protect every colour EXCEPT black, the background. Hand position the red sheet 'under' the white one, and paste it down on every single frame.

As the frames progress, you should see the white one uncovering the red one. Once all frames are completed, turn off the stencil.

⑬ Go to the spare screen and load in the blotter (remember that?). Go to frame one of your animation, and from the Picture\Spare menu, select Merge In back (American for behind), and tell *DPaint* to do it to all frames.

You will see your blotter appearing behind your animation. We did it this way to avoid over-complicating the animation process, and it's a technique you can use to make your life easier, building up an animation a piece at a time.

⑭ The lettering is up to you. You could well save the animation as it is now to be used as and when needed.

When placing the words, it's simply a matter of activating the stencil and protecting every colour except whichever sheet you're placing the words on; keep white unprotected for writing on that sheet, and keep the red unprotected for writing there.

A wordy tutorial – though no excuses; it avoids problems over uncertainty, and opens up more complex ideas for you to try, and to mould into your own needs.

Ideas: You could have one picture turning over to reveal another. In this case you could actually cut out the 'turned' portions, and flip the brushes to create the underside of the actual image being turned. Slightly advanced – but we might even include it in a later tutorial.

NEXT MONTH

Hone your animation skills even further with Peter Lee's continuing expert guide to getting the maximum out of your paint program. If you want to let your creative talents flow freely then make sure you get a hold of next month's CU AMIGA.

PARADISE ISLE

VAST HARDWARE ,
SOFTWARE AND
ACCESSORY SUPPLIES AVAILABLE FAST
AMIGA 1200 WITH A 209
MEGABYTE HARDRIVE AT
£499.99
FOR THIS AND HUNDREDS OF OTHER
SPECIAL OFFERS CONTACT
PETE AT

70, STANDFAST ROAD, HENBURY
BRISTOL AVON
TEL/FAX: 0272 500245

FREE DISK
catalogue

Over 6,000 PD titles, hardware &
commercial software listed.
Send SAE to:-

PATHFINDER PD
(CU)
41 Marion Street, Bingley
West Yorkshire, BD16 4NQ

ACCESSORIES

A1200 Dust Covers - £3.99
Mouse Holders - £1.95
25 DSDD Blank Disks - £10
Mouse Mats - £2.99
Disk Head Cleaning Kits - £2.99
100 Labels - £1.50

WANTED

Full price Amiga Software
in good condition. Send List
for Prices Fast Collection
and payment.
Faulty Amiga's also bought.
Repairs and Spares phone
for prices.

OMNIDALE SUPPLIES
8E ROWAN COURT
FRIAR GATE
DERBY DE1 1BU
TEL: 0332 291219

IMAGINE
HINTS, TIPS & TUTORIALS

The perfect companion for all Imagine users.

This 40 page booklet written by experienced Imagine users covers a wide range of Imagine features including: Brush mapping, Special effects, Animation, using video tape, Transparencies, Making you own objects, Rotation, and more.

Whether your a novice or a professional Imagine user you'll benifit from what this booklet has to offer.

FREE IMAGINE COMPANION DISK

Disk includes a range of textures, atributes objects and a complete animation for you to render.

Introductory price £7.95

Tel: 0793 490988 VISA

Payment by Cheque, Postal order or Credit card accepted
EPIC Marketing, 139 Victoria Road, Swindon, Wilts

WHY PAY £'S TO HAVE YOUR A500 REPAIRED WHEN YOU CAN REPAIR IT YOURSELF AND SAVE YOURSELF £'S

THE A500 REPAIR MANUAL ENABLES BOTH THE NOVICE AND THE EXPERT TO CARRY OUT MOST REPAIRS TO THEIR AMIGA A500 AND COMES COMPLETE WITH A FREE DIAGNOSTIC DISK.

PRICE: £5.95 INC. POST AND PACKING

ASSASSINS GAMES 1 TO 160
1 DISK £1.00, 5 DISKS £4.50,
10 DISKS £8.00,
POST AND PACKING 70P

FREE GAMES AND CATALOGUE DISK
JUST SEND 2 FIRST CLASS STAMPS TO THE ADDRESS BELOW: PLEASE MAKE CHEQUES/PO'S PAYABLE TO: A PLASKETT AND SEND TO:
A PLASKETT
2B MEADOW SIDE, CHELMSFORD, ESSEX CM2 6LN

TEL: 0850 627 066

AMIGA MUSICIANS

Module mastering to one off compact disk, cassette or dat. Professional studio service ahd production.

For details contact:
Technical Dimensions
32 Midway Walker
New-Castle-Upon-Tyne
NE6 3PA
091 263 7971

100's of Amiga
GAMES
UTILITIES
MUSIC,
HAM RADIO
plus
MANY
MORE
at just

1-10 @90P
11-20 @65P
21+ @50P

SEND NOW FOR FREE
DISK AND ORDER
FORM NO OBLIGATION

PENGUIN PUBLIC
DOMAINPO BOX 179
READING BERKS, RG3
3DD

CLASSIC
AMIGA P.D

GAMES
FOTOFIT
TENNIS
SUPER QUIZ
MASTERMIND
V.CHESS II
TOMCAT
SKODA CHALLENGE
BINGO
GOLF (2)

VIDEO
VIDEO TITLER
VIDEO GRAPHICS 1
TV GRAPHICS
WEDDINGS (2)

MISC
GARDEN DESIGNER
GOLF SCORE
HIGHWAY CODE
LANGUAGE TUTOR
PERFECT PAINT
WINDOW BENCH

BUSINESS
ELECTRICLOWN W/P
QED TEXT ED
LABELMAKER
CAT.W/SHOP (2)
FORMS UNLIMITED
600 LETTERS

£1 per disk - PP .75p per order
Catalogue Disk Sent with 1st order
Make PO's, cheques payable to "Classic"
11, Deansgate, Radcliffe M/CR M26 9YJ
061 723 1638

Convert your Amstrad
COLOUR MONITOR
£9.95

	MADE	DIY
464/6128/664 with Stereo Speakers	£9.90 £34.90	£5.90 £25.90
464 Plus (includes sound)	£19.90	£8.90

Hagars Electronics, 127 high Street,
Sheerness, Kent ME12 1UB
Tel (0795) 663336

Dept CU Amiga

Cheques/Postal Orders accepted

FORTRESS
AMIGA PD LIBRARY

OVER 12000 DISKS AVAILABLE
ALL AT 95p INCLUDING P&P
Send 3*25p stamps For List Disk

Available are FULL SETS of:-
Fred Fish. **LSD Legal Tools**
Scope Disks **Assassins Games**
Assassins Utils **T/Bag Disks**
PLUS
Graphics. Music. Slide Shows.
Games. Clip Art. Fonts, Etc...
Far Too Many To List Them All

Contact:- FORTRESS P.D.
26, SPENCER STREET, KEIGHLEY.
WEST YORKSHIRE. BD21 2BU
Phone:- (0535) 609263

THE ASSASSINS
Public Domain & Shareware Collection

The ASSASSINS
Games & Utility Compilations
are now available direct from the producers for only
£1.00 plus p&p

Why not join the A.S.I. users club and receive 20% discounts on all disks ordered.

ALWAYS 1st WITH THE LATEST
A.S.I. RELEASES

Dept CU,
32 RIPLEY AVENUE, NORTH SHIELDS
TYNE & WEAR, NE29 7SA

telephone
(Stu 091 2586418 or (Bill) 091 5295413

ATTENTION
The official ASSASSINS collection on one CD is now available, direct from ourselves.
Featuring over 700 games all playable from the CD and also the complete A.S.I. Utility collection

---

DEMO ZONE PD

Cuzco Oxygene
Andromeda Sequential
Electro Knights Rampage
Artificial Paradise AGA (2)
Complex Origin AGA
Big Time Sensual AGA (2)
Sanity Arte
Impulse AGA (2)
Lemon Booo Demo

Nine Fingers (2)
State Of The Art
Fairlight 242
Full Moon AGA
Jesus On E's (2) 2d
Desert Dream (2)
World Of Manga AGA (4)
Ray World AGA (2)
Complex Real Age

Others

Klondike AGA (3)
Klondike Cards
(Anime Cindy, Hajime) (2)
Grapevine 19 (3)
Magic Wb AGA HD
Bodger Kombat

Bodyshop 7 AGA (2)
Erika AGA
Claudia AGA
Opticomms 2
WB Backdrops
Ham Lab Plus

Disk Prices:- 1 to 4 disks £1.00 each,
5 or more only 80p each, postage 60p on all orders,
Cash, Cheques or PO's to:
J.P.MAHONEY 8 THE TITHE, WICKFORD,
ESSEX SS1 2OHN

BUS STOP PD

UTILITIES
- CATALOGUE WORKSHOP (2)
- ICON DESIGNER
- GRAPHICS RIPPER
- ELECTROCAD
- EMULATORS
- SID V2.0
- TOOLS 3
- MED V3.2
- OPTICOMMS
- LITTLE OFFICE
- BUTCHER
- CARTOON BRUSHES
- P.S FONTS (10)
- TYPE 1 FONTS (5)
- D LOCK
- RIM DATABASE
- DISNEY CLIPS
- PRO DEMO CREATOR
- D COPY V3.1
- D PAINT FONTS (10)
- MINIMORPH
- VISICALC
- CRUNCH & COPY
- ST. MODS (10)
- JC GRAPH
- MAGNUM V1.9
- DISK OPTIMISER
- QUALITY CLIPS (5)
- OCTAMED MODS (5)
- AMIGA E
- SPECTRUM EMULATOR V17
- SPECTRUM GAMES (8)
- BEGINNERS BENCH
- NO ERRORS
- ABC UTILITIES
- 1200 FIX DISK
- AMICHECK
- NCOMM V3.0
- PRINT A CARD
- SLIDESHOW MAKER
- MAVERICK V5.0
- PAINT & ANIMATE
- SPECTRAPAINT
- LYAPUNOV AGA
- TYPING TUTOR
- DCA COPY
- BITMAP FONTS (5)
- MUSIC RIPPERS
- SKICK

GAMES
- GALAXY BLAST
- Q BIC
- SEVEN TILES
- DELUXE PACMAN
- BATTLE CARS 2
- QUIZMASTER
- TOMCAT
- ATOM SMASHER
- CATACOMB
- CARD GAMES
- TETREN
- GHOSTSHIP
- POD
- TENNIS
- STRIKE 10 PIN
- POOL
- OLEMPIAD (2)
- OBLIVION
- SLAMBALL
- ARTILLERUS
- SERENE
- ESCAPE
- NEIGHBOURS (2)
- SKYFLYER
- TOTAL WAR
- CRAVE
- WREX
- BACKGAMMON
- SEA HEIST
- MICROMARKET
- MR MEN OLYMPICS (2)
- BILLY BURGLER
- SUPER PRIX
- IRON CLADS (2)
- SQUIGS
- CASHFRUIT
- DOMINOES
- SORRY
- SCORCHED TANKS
- STEWARDS ENQUIRY
- SOLAR LORDS
- V CHESS
- ORK ATTACK
- SON OF BLAGGER
- TANK N STUFF
- SWORD OF WARLOCK (3)
- SLIME
- GOBBLERS
- 100 GAMES (7)

SLIDES
- CRY FOR DAWN
- THE PRISONER
- WATERSHIP DOWN
- DRACULA
- SHARON STONE
- YABBA DABBA
- GIRLS OF SPORT
- PAULINA
- MOVIE STARS
- ROBIN HOOD
- CHER
- FERRARI
- MOTORBIKES (2)
- AIRCRAFT
- MANGA MANIACS
- TRUE BLUE (2)
- GARFIELD (2)
- DEEP SPACE 9
- IRON MAIDEN (4)
- WENDY JAMES
- JIMI HENDRIX (2)
- CORN CIRCLES

GLAMOUR
PLEASE STATE OVER 18
- CELEBRITY SPECIALS (5)
- CLASSIC GIRLS (4)
- THE FOX
- SUPERGIRLS 3
- SEXY DROIDS
- BEYOND FORCE (2)
- SEXY DREAMS
- UTOPIA (4)
- BO DEREK
- MARIA WHITTAKER
- KATHY LLOYD
- MADONNA SEX (3)
- DOMINIA (2)
- SABRINA
- TATJANA
- MAYFAIR (3)
- NAKED DREAMS
- BFPO (3)
- SEXPLOSION (3)
- STRIPSLOTTER

MUSIC
- PET SHOP BOYS
- JESUS ON E'S (2)
- DOOP
- LAWNMOWER DETH (2)
- MERCILESS
- NAPALM DEATH
- K.D LANG
- MY WORLD
- MISERY
- SIMPLE MINDS
- SWEET CHILD
- JACK DEE
- THE UNFORGIVEN (5)
- LSD STORY (3)
- 9 FINGERS (2)
- DREAM TRIPPING
- CLASSIC MUSIC (2)
- I LIFT MY CUP
- THE PROCLAIMERS
- AMSON IQ 6
- FAIRLIGHT 242
- TOTALLY TEKNO

ACCESSORIES
P&P INCLUDED

100 CAP BOX	£7.40
100 4 COLOUR LABELS	£2.50
DISK DRIVE CLEANER	£3.29
A4 MOUSEMAT	£3.29
500 + 600, 1200 DUSTCOVERS	£2.99
10 CAP BOX	£1.49
QUALITY DISKS	£0.50

We also have lots of good quality secondhand games at very reasonable prices. At present we have lots of RPG, adventure, war simulations, sport, platformers and shoot-em-ups, so if you want a game and you can't find it then we may have it, you never know

All titles work on all Amigas, all titles are single disks unless otherwise stated in brackets

TEL (0455) 554982
Between 9am and 5pm
Disks normally despatched in 24 hours

P&P 50p PER ORDER, NOT PER DISK
EUROPE 25p PER DISK
R.O.T.W 50p PER DISK

ALL DISKS 85P EACH
Please make cheques/PO's payable to Bus Stop Pd and send it with your order to.

BUS STOP P-D Dept APR
2 WYCLIFFE TERRACE,
GILMORTON ROAD,
LUTTERWORTH,
LEICESTERSHIRE LE17 4HN

TAKE THE RANDOM FACTOR OUT OF PD PURCHASING WITH...

SHATTERED IMAGE

We have individual catalogue disks for Utilities, Games, Demos and more, which contain full reviews of exactly what each title is and what it can do for you. This will give you a much better idea of what to spend your hard earned cash on. No more hit and miss with Shattered Image.
CAT 1: Description of everything CAT 2: Games CAT3: Utils CAT 4: Demos & Slideshows CAT 5 Fred Fish
Catalogue disks are only £0.70 each including P&P and have as much free software on them as we could fit. All software comes on fully guaranteed disks and are checked for bugs, viri, errors, alien footprints and anything else we can think of before they are sent to you.
We also stock commercial hardware and software and can save you money on many items - Just let us know what you require and we'll bungee jump from large bridges in America to get you the best price (!) Also phone or write for our Hardware&Software prices- There are not many company s in this magazine cheaper than us lots of great prices for CD32, Amiga, PC and even SNES and Megadrive.

LSD LEGAL TOOLS 1-151 • SCOPE COLLECTION 1-220 • ASSASSINS GAMES 1-176
• IMAGINATIVE COLLECTION 1-33 • T BAG 1-71 • FRED FISH 1-975 • 17 BIT COLLECTION 1-2800
OTHER THINGS WE STOCK : 1000 4 COLOUR LABELS-£9.00 AMIGA DUST COVERS(STATE COMPUTER)-£2.99
BLANK DS/DD DISKS 35p EACH. MANGA VIDEOS FROM £8.99.PARNET CABLE + SOFTWARE-£17.99

ALL THE ABOVE PRICES INCLUDE P&P

Plus a very large education section, lots of samples, modules, fonts, literature, music, art, disk magazines- you name it we've got it and if by some quirk of fate if we dont have it - we will get it as quickly as possible for no extra charge

Disk prices: 1-5 £1.50, 6-10 £1.25, 11-30 £1.00, 30 + P.O.A
Please add 50p P&P to any order inside the UK P&P for Europe and R.O.W : P.O.A
SHATTERED IMAGE (CU) 13, LA PORTE PRECINCT, GRANGEMOUTH, SCOTLAND FK3 8AZ TEL: 0324 471424
Phone WET N' WILD the SHATTERED IMAGE BBS on 0793 878357
BY INSERTING A PAPER CLIP INTO THE WRITE PROTECT HOLE, USED DISKS MAKE LOVELY EARNINGS

200 TOP AMIGA GAMES
FOR ONLY £19.99 POSTPAID !!

Adventures, Puzzlers,Platformers,Sports, Shoot-em-ups,Beat-em-ups Strategy ETC.. More Games than You'll Ever Need!!!!

Some of these Games Were Sold At More Than £20 Each! YOU get the LOT For Less Than £20.00!!!

This massive Compilation of FANTASTIC Games Normally Retails at hundreds of pounds!!!!
YOU CANT LOSE!!
Don't Miss Out - Order NOW FROM:
FUTURE SOFTWARE (CU)
Dept A, 8 Magnolia Park,Dunmurry,Belfast BT 17 ODS.
ALL AMIGAS - FAST DESPATCH ON ORDERS - OVERSEAS ADD £2.00

PD at 35p or 75p!

Great products
Great prices
Great service

CD's from £4.95

Redlaw Resources
CD1200/A570/CDTV/CD32
A500/A500+/A600/A1200

CD cleaner & restorer kit only £4.95

•CD for A1200•
At last! The CD drive for the A1200, and only....£184.95!

•PD Catalogue•
Wide range of games, demos, clipart, music, fonts, utils etc listed on disk. Send 3 stamps

Pandora's CD £4.95!

•CD Review•
Unique description of all stocked CD's in our CD Review Booklet. Send 2 stamps for your copy

Access VISA

• STORAGE •
CD Rack, holds 20 CD's in a tiltable slot allowing easy front view selection. For worktop use, ...**£4.95**

CD System, stores 20 CD's in two units with touch-release selection. Each horiz. or vertical interlocking unit holds 10 CD's. Wall/shelf-mounting, **£7.95/pair**

CD Cases. Replace broken, cracked or scratched CD cases with these new ones. Also use for magazine cover CD's. Only **95p each or £4.50 for a pack of 5!**

• CARE •
CD Cleaner, Polisher & Restorer, brilliant new product that will clean, polish, reduce static, prevent CD skipping & restore original quality. Only ...£4.95

CD Lens Cleaner, cleans your vital laser lens with optical brushes. Automatic process plays music while it cleans (!!) and stops when finished £11.95

• CD's for A570/CDTV/CD1200 •

CDPD II, Fish 1-740, NASA, AB20 & SCOPE	£17.95
CDPD III, Fish -890, fonts, clipart, utils, pics, books	£18.95
CDPD IV, Fish -950, C-compiler, Internet, ray-trace	£18.95
DEMO I, games, anims, demos, fonts, art, FX, tunes	£17.95
DEMO II, demos, images, samples, tunes, 100 games	£18.95
17-bit I, instant library of 1600 of best of everything	£32.95
17-bit II, 500 more incl 141 Assassins, ARUG, etc	£18.95
Aminet III, 1.1Gigabytes of latest mixed software!!	£18.95
Multimedia Toolkit, images, clipart, sounds & utils	£18.95
AMOS PD, 1-621, networks, mag, & 34,000 files!	£18.95
Lock-n-Load, 1000, yes count 'em, 1000 great games	£18.95
Eurosecene One, prime Amiga demos, party winners	£13.95
Pandora's CD, 2000clipart, sound FX, multi-media	£4.95
Labyrinth of Time, photorealistic adventure game	£19.95
Insight:Technology, multi-media 'How things Work'	£37.95
Insight:Dinosaurs, multi-media dinosaurs reference	£37.95
Clipart/Fonts, 2130 fonts, 10,000's IFF/EPS/PCX pics	£18.95
Network CD, network CD32/CDTV to Amiga, +more	£18.95
CD32 **Sernet** & CDTV **ParNet** cables available	

Our unique CD Review booklet is sent free with all new orders

Send Cheques/PO's to: REDLAW RESOURCES, 74 Durban Road, Patchway, Bristol BS12 5HQ. Tel: (0117) 9760600 incl. evenings.
Please add 50p for postage to all orders. All goods sent 1st class.

NJH PD

Dept CU, 12 Meesons Mead
Rochford, Essex SS4 1BE
Tel- 0702 546796/0585 348786

DISK PRICES
1-3 Disks £1.00 per disk
4-10 Disks 90p per disk
10-19 Disks 80p per disk
20+ Disks 70p per disk
Please add 70p per order for postage and packaging

From only 70p per disk

Full catalogue available 75p or 3 1st class

FREE DISKS
For every 10 disks ordered pick another disk free

GAMES
- Wired Chaos
- Hydro Zone
- Green Five
- Automobiles
- Raise The Titanic
- Talisman (2)
- Sickball 2
- Les Dennis Hangman
- Antwars(2)
- Ultimate Quiz
- Soccer Cards USA
- Waynes World Pong
- Jetstrike
- 18 Hole Golf (2)
- Neighbours (2)
- Amos Fruit II
- Road To Hell
- G.Prix Manager
- Starbase 13 (2)
- Texas Chainsaw
- Star Trek (2)
- Mr Men Olympics (2)
- Jelly Quest
- Skidmarks
- Pro Bingo
- Gorf
- System Defender
- Fatal Mission 2
- Glaxo (2)
- Kung Fu Charlie
- Board Games
- Seek N Destroy
- Speccy Games (8)
- 2 Player Soccer Lg
- Scrabble
- Cash Fruit
- Premier Pics
- Super Blue Kid
- Fighting Warriors Tetris Pro
- Wibble Giddy
- Top of The League
- Deluxe Pacman
- Klawz The Kat
- Soccer Cards
- Parachute Joust
- Megaball 2.1
- Matrix Blaster
- Slime Game
- Darts
- High Octane
- Clash Of Empires
- Kingdom at War

DEMOS
- 9 Fingers (2)
- Trojan Track
- S.O.T.A Spaceballs
- Phoenix Demo
- Dream Trippin
- Noice
- Clairvoyance
- Vomit
- Desert Dream (2)
- Skizzo Demo 2 (4)
- Retina Euro 1
- Claustrophobia
- Pygmy Exten
- Jesus On E's (2)
- Mayday
- Fairlight 242
- Subliminal XTC (2)
- Lemon Groovey (not 1200)
- Hoth Anim (4) (3 meg)
- Revelations SS
- Mobile Spaceballs
- Lethal Exit
- Intense (2)
- Sanity Arte
- Neoplasia Phobia
- Zone Warrior
- Subtle Shades
- Timpanic Membrane
- Wind It Up
- Satisfacion G/teed
- Flying Cows P/S.I.A.K.
- Bait Masking (2 meg)
- Rubarb & Custard
- Mettalica (5)
- Fop Simply Blue
- Shamen Mix
- Flying Lessons
- Capri Slides (3)
- Speed Demo (3)
- Cappela (2)
- Grapevine 19 (3)
- Techno Mods (5)
- Tribal Dance
- LSD Techno Warrior
- Bass In Ya Face
- A Trip To DBase (2)
- Data x Trilogy
- Data x The Victim

FROM ONLY 70p A DISK

UTILITIES
- Autostereograms
- Paint itRush
- Microprose GP Editor
- Williams F1 Imagine Obj
- Reorg 3.11
- CManual (12)
- Maxi BBS
- D-Copy 3.1
- LockPick 2
- Engineers Kit
- Free Copy 1.9
- Amiga Beginner
- W/Bench 2 Tutorial
- Maverick Copy
- Skick Wb3
- MenuMaster 3
- Tetra Copy
- Crack & Copy
- Fakemem
- Printer Drivers
- Emulators Ibm etc
- Hard Drive Utils
- Spectrum 1.7
- 200 Utils
- PO Task 2
- LittleOffice
- Print Studio
- Sid 2
- Business Letters
- East Calow +
- Pools Wizard Jnr
- Text Engine 4.1
- Imagine Objects (7)
- Magnum 1.7
- Dtv Stuff
- Icons (3)
- Game Tamer 4.59
- Nib V2
- Astronomy v2.1
- Photography
- Error Info
- Mini Morph

1200 UTILS
- Action Replay 4 Pro
- 1200 Diagnostics
- ASI Multivision
- Magic WB (Hard Drive)
- Magic WB Extras
- Video Tracker AGA
- Andy's WB3 Utils
- ASI Fix Disk 2
- AGA Utils *1
- AGA Icon Editor
- 1200 Final Test
- AGA Blankers
- AGA Graphic Utils
- Skick 1.3
- Kick 1.4
- Wb3 Backdrops
- Wb3 Virus Killers
- Wb3 Hacks
- Blackboard

1200 GAMES
- Klondike 2 (3) (HD)
- Yatzooie II
- Stones AGA
- Backman AGA
- Zombies II
- Boron 2
- Hoi AGA Remix
- AGA Megaball
- AGA Tetris
- AGA Klondike (3)
- Klondike Cards (8)
- Boron
- Dungeon Walker
- Oscar Game Demo
- Motorola Invaders 2 (2)
- Mad Fighter

1200 DEMOS
- Vital
- Agony Panel Anim
- Corrine
- QED 2 (2)
- Taste The Difference (2)
- Melee
- Talent QED
- Mini Omisten
- Atmosphere
- Access Real
- Not Again
- Numb
- Harmagedon
- Interchange
- Raging Fire
- Subliminal X To (2)
- Final Chapter (3)
- Aguala Damage
- Crayon Shinchan
- Panta Rehi
- Max Overdrive (2)
- Friday At 8
- 1200 Intros
- Ivy and Chrome
- Fatal Morgana
- Ray World (3)
- Empty Head
- Origin (2)
- Full Moon
- Abstrax Pig
- Volcano
- Explicit 2
- Hoi Mindwarp
- Hoi Planet Groove
- Chanel No 5

1200 SLIDES
- Bodyshop
- Bodyshop 2 (2)
- Bodyshop 3
- Bodyshop 4 (2)
- Bodyshop 5 (2)
- Bodyshop 6 (2)
- Bodyshop 7 (2)
- Ferrari AGA
- Shad Art (2)
- AGA Fantasy Pics
- Star Trek AGA
- Jungle Book AGA
- Erika
- Claudia
- AGA Manga (4)
- Tutankhum (2)
- Gif Beauties (14)
- Phoebe Cates
- Visual Verbosity

We also stock
Fred Fish 1-1000
Assassins collection up to 190
Also Scope 1-220
Jam 1-10

SPECIAL PACKS

ADOBE FONT PACKS
8 Disks Full Of Type 1 Fonts For Your DTP Work £6.40

BUSINESS PACK
6 Disks, For All Your Business Needs £4.80

DESK TOP VIDEO PACK 2
4 Disks For All Your Video Work £3.20

COLOUR FONTS
5 Disks £4.00

BODYSHOP PACK
12 Disks £9.00

1200 PACK
6 Disks £5.00

1200 DEMO PACK
10 Disks £8.00

BUSINESS PACK
4 Disks £3.20

EDUCATIONAL PACK
5 Disks £4.00

PD STARTERS PACK
6 Disks £4.80

QUALITY ACCESSORIES

8 mm High Quality Mouse Pad	£2.99
500/600/1200 Dust Covers	£3.99
3.5 Disk Drive Cleaning Kit	£2.99
Printer Stand (Fits all Dot matrix Printers)	£5.60
Blank Disks (High Quality)	£0.45
Mega Mouse (400 dpi)	£14.50

HOW TO ORDER: Please tick titles required and send with your name, address and payment of cheque/postal orders/cash made payable to NJH
Hand written orders also accepted
All orders sent first class the same day
(*) = No. of disks

EXCLUSIVE PD

Top Quality Service at sensible prices

(Dept CU, 7 Beresford Close, Waterlooville,
Hampshire PO7 5UN Tel: (0705) 642409
Office hours: 10am-7pm Mon-Fri, 10am-3pm Sat

Any 10 Fred Fish Disks for £8 + P&P

WE STOCK
LSD Legal Pools
Fred Fish
Panorama
APDC
Scope
Amicus
Assassins Games
T BAG
Disk Magazines
Grapevine etc

Catalogue disk free with your first order or send 2 x 25p stamps

DEMOS
- Complex: Real (AGA)
- Cryptoburners: Crash Test (AGA)
- RamJam: Taste the Difference (2) (AGA)
- Syntex: Aluminium
- Andromeda:Sequentials
- Fairlight/Virtual: Full Moon (AGA)
- LSD: Jesus on E's (2 disks, 2 drives)
- Rage: Neural Assault
- Sagazity: Abdominizer
- Sanity: Arte
- Spaceballs: 9 Fingers (2)
- Trojans Techno Tracks
- Melon: Mind Expanding
- Lemon: Saere Oejine
- Axis: Big Time Sensuality (2) (AGA)
- Damage: Uquala (AGA)
- Infect: Hamageddon (AGA)

GAMES
- High Octane (2) (AGA)
- Skidmarks
- Mr Men Olympics (2)
- Super Nibbly
- Klondike Deluxe (3) (AGA)
- CARDSETS for above:
- Cindy Faces, Anime, Hajime (4)
- Scorched Tanks V1.75
- Megaball 3.0 (2) (AGA)
- Giger Tetris (AGA)
- Peter's Quest
- Super Obliteration
- Motorola Invaders (2) (AGA)
- 18 Hole Golf (2)
- Arcade Classics *2
- Tanx N Stuff
- Deluxe PacMan

MUSIC
- Biomechanoid Symphony *1 (AGA)
- Chubby Brown
- Capella: U got 2 Let The Music
- Ebeneezer Goode
- Hardcore II
- LSD: Don't Panic
- NFA: 3M Music *3 (AGA)
- Noiseless/Spaceballs: Dizzy Tunes II (3)
- Jean Michel Jarre: Docklands
- War of the Worlds
- Wayne's World Sample Demo (2)
- Rave Samples
- Octamed Pro + Tutor (2)
- Octastuff Music
- Doop
- Spasin: I Feel Good
- L7: This Ain't Pleasure

AGA SLIDESHOWS
- Chaos Babes Remix (2)
- NFA: Phoebe Gates
- NFA: Boris Vallejo (2)
- NFA: Bodyshop 1 (1), II (2) III (1), IV (2), V (2), VI (2), VII (2)
- NFA: Claudia Schiffer
- NFA: Sherilyn Fenn
- NFA:Telly Pics II (2)
- NFA: Erika Eleniak
- Linda Lusardi (2)
- W.S: Swimsuits *1/*2/*3
- GIF Beauties 1 to 18
- Jurassic Park
- Ferrari Slides
- Nightbreed 1/2/3/4 (2 Each)
- Ozone: Shed Tears (2)

100 cap. disk box £5.50
All Amiga Dust Covers £2.00
Mouse Mat £2.00
Drive Cleaner £2.00
50 DSDD disks £20.00
100 DSDD disks £39.00

All PD disks £1.00 each
Postage: UK 50p
Europe add 20p per disk
World add 40p per disk

All cheques payable to Exclusive PD.
Other accessories and hardware available, please call for details

IF WE HAVEN'T GOT IT... WE'LL GET IT AT NO EXTRA CHARGE

KOBRAHSOFT QUALITY PD

Don't get bitten by buying cheap, poor quality P.D. we sell the best. If we haven't got what you want, please tell us and we will get it. we have over 5000 titles available, so we should have something to interest YOU! We pride ourselves on our speed of delivery - we try and send out every order on the same day it is received - no waiting for DAYS. We accept payment by cheque, P.O. and Access and Visa. To give you an idea of what we stock:-

UTILITIES
MIDIPLAY - plays music modules
MOST V1.56 - Text Viewer
INPUT LOCK V1.1 - Security Lock
CHARACTER GENERATOR
D.M.S. V2.03 - Data cruncher
MDSPOOLER V1.2 - DIR Utility
CD PLAYER V1.1 - Plays your CD's
A BACK UP V4.03 - Back up utility
ADAM V3.0 - Calculator
VIRUS CHECKER - Detects viruses
CALENDAR - Super Calendar Prog
POWERCALC V1.5 - Draws graphs
TURN V4.0 - Latest Comms program
POWERPLAYER V4.0 - Music Util
RECALL V2.3 - Diary program
SCHEDULER V1.2 - Organiser

GAMES
MISSILES OVER XERION
NIBBY 2
MUTANT PENGUIN
MULTI TETRIS
TIME RUNNERS 17
RUNNERMINE 6
MORTON STRIKES BACK
SPIDERMAN 2
DEADLOCK 8
SPACEBALLS
DONKEY KONG
FLIGHT OF THE INTRUDER
MEGABALL
STEWARDS ENQUIRY
GALAGA 92
DEFENDER

We have hundreds more games and utilities and also:-
DATABASES, GRAPHICS, ANIMATIONS, SLIDES, MUSIC AND SOUND DEMOS, EDUCATIONAL PROGRAMS, FONTS, CLIPART, BUSINESS PROGS. Prices:- 1-9 Disks; £1.10 each, or send £1 for CAT disk or order to:- KOBRAH-SOFT, Pleasant View, Hulme Lane, Hulme, Longton, Stoke-on-Trent. ST3 5BH;

or phone 078 230 5244. We also take Access and Visa.
P+P U.K. 75p; others £1.50.

SOUTH WEST PUBLIC DOMAIN

DUE TO A PRINTING ERROR BY CU AMIGA SEPT 94 OUR FULL POSTAL ADDRESS WAS NOT GIVEN IN FULL. ANYONE WHO SENT FOR OUR CATALOGUE DISK IN CU AMIGA SEPT 94 AND DID NOT RECEIVE IT COULD YOU PLEASE SEND YOUR COUNTERFOILS AND WE WILL HONOUR THAT ADVERTISEMENT

SOUTH WEST PUBLIC DOMAIN

YOU HAVE TRIED THE COWBOYS FOR YOUR AMIGA PD NOW TRY THE INDIANS!

SMALL SOUTH WEST COMPANY NOW GOING NATIONAL / WORLD WIDE OPENING OFFER TO ALL NEW CUSTOMERS FOR ONE MONTH ONLY FROM RECEIPT OF OUR CATALOGUE, ORDER FORM ETC.

OPENING OFFER FOR ONE MONTH ONLY...
ALL DISKS NOW ONLY
50p PER DISK
FULL CATALOGUE DISK NOW FREE

G001/2	18TH HOLE (2)	G170/2	HUGO (3)	G115	DR MARIO (1)
G026/7	ANT WARS (2)	G025	ANTI ST (1)	G184	KLAWZ THE KAT (1)
G075	HUGO (3)	G046	BINARY (1)		

TAKE ALL THE ABOVE GAMES FOR ONLY £5.00 +70P P+P WE ALSO STOCK FRED FISH 1-1OOO, ASSASSINS 1-202, T-BAG 1-74, SCOPE COLLECTION 1-220, FUNPACKS, MUSIC, GAMES, UTILITIES, BUSINESS, ETC..

CHEQUES/POSTAL ORDERS PAYABLE TO: MR P VINCENT AND SEND TO `;
SOUTH WEST PUBLIC DOMAIN DEPT CU , PO BOX 89, PLYMOUTH, PL1 3YR

EXPRESS P.D. Dept Cu Magazine Business Centre
11, Newarke Street, Leicester, LE1 5SS
Tel: (0533) 559711 Fax: (0533) 490118
Mon - Fri 8.30am to 5pm

Express Pd

MISCELLANEOUS PD
- p Complex "Real" AGA Demo
- p Chaos Metal Modules (P)(Y)
- p Cracker Journal Special II (P)(Y)
- p Grapevine *19 (3)(P)(Y)
- p Blip Verts Disk Mag (P)(Y)
- p Propaganda Disk Mag *2
- p Sanity Scala AGA Demo
- p Dambuster 2 Meg Anim (P)(Y)
- p The Kid AGA Demo
- p Muffbuster AGA Demo
- p Crash Test AGA Demo
- p Perspex Hypnosis AGA 100% version
- p Mellow Grabber Vol 2 AGA
- p A-Z 64 Tunes (4 Disks) (P)(Y)
- p High Octane 1 Meg Overhead driving game
- p UN-Sensible Soccer (P)(Y)
- p To The Death AGA Karate Game
- p Hoi AGA Platform Game
- p W.S. AGA Slides (6)
- p Shad Art Slides (2)
- p Nihondreamer Manga Slides (2)
- p Enterprise Pix 5 AGA
- p Connect 4 Game
- p Klondike AGA (3)
- p Klondike AGA Card Set 1-4 (4)
- p Virus Checker 6-41
- p Maverick Copier
- p DD > HD Modification
- p CD32 > CDTV Patches
- p AGA Vol 1-4 (New Editions/Update)
- p WB Pics (£) 8 Colour WB pics
- p Action Replay Pro AGA Only
- p AGA Icons
- p A64 V3 Emulator (2)(P)(Y)
- p Imperial Walker (P) 3D Walker Game
- p Fantasy Football League!
- p Red Dwarf Slides (2) AGA
- p Lamer Tron AGA

F1 LICENCEWARE

F1001	Magnum Pro	£23.99
F1002	Cricket Crazy	£23.99
F1003	Absolute Beginners Guide to Amos	£23.99
F1004	Super Fun (For Kids 5-9 Years)	£23.99
F1005	F1 Music Vol 1	£23.99
F1006	Blackboard V2.0 2 Disks AGA only	£4.99
F1007	Fortress AGA only	£3.99
F1009	The Rainy Day Disk	£3.99
F1010	Karate Master 1.5 Meg + £3.99	
F1011	IFF Vector Ball Designer	£3.99
F1012	Obliteratives (1 or 2 player arcade skill game)	£3.99
F1013	Through The Red Door	£3.99
F1014	Tots Time	£3.99
F1016	Art School	£3.99
F1018	Relics Of Deldroneye (4 Disks)	£6.99
F1019	Touch 'N' Go	£3.99

More Titles Available, Order catalogue disk for a detailed description of each disk.

NOTHING BUT AMOS
Disk Magazine - Issue 6
now in stock on 2 Disks
£4.50

CD32 TITLES

Now Games 1	£18.00
Now Games 2	£18.00
Sensible Soccer	£18.00
Microcosm	£39.00
James Pond	£22.00
Liberation	£25.00
Ultimate Body Blows	CALL
Kick Off 3	CALL
Express PD Galore	£14.99
Lotus Trilogy	£25.00
Now Games 3	£18.00
Demo CD 2	£18.00
Chaos Engine	£24.00
T.F.X	CALL
Gunship 2000	CALL

ACCESSORIES
DSDD DISKS ......40p each
100 cap Storage Box....£6.50
Zip Stick Autofire £12.99
1000 Roll of labels ...£11.00

HOW TO ORDER

We accept payment by Access/Visa
Please make cheques/postal orders/I.M.O. payable to Express PD
Overseas orders sent by air mail payment in Sterling please !!

DISK PRICES
1-15 disks..........£1.05each
16-20 disks.........£1.00 each
21+ disks ......£0.90p each
Choose 1 FREE disk with every 6 ordered!! Free catalogue Disk with first order. Full catalogue disk available on 3 disks for £2

POST & PACKING
U.K. 60p, Europe £2.50, R.O.W £3

ALL OUR DISKS
✓ Guaranteed error free
✓ Complete with own labels
✓ VIrus Free!!
✓ 24 hours despatch

CD ROM Software

Aminet Vol 1 ....£20.00
Aminet Vol 2 ....£18.99
CD contains
Demos/Games/TG/Modules/Utils etc.

Gold Fish Fred Fish 1-100
Double CD
£36.99

17 BIT COLLECTION
Double CD Disk 1-2301
£36.99

17 BIT CONTINUATION
17 Bit Disks 2302-2800,
Assasin games 1-40
£18.99

Express PD galore

New CD ROM for the Amiga CD32. This CD contains 150+ AGA disks, 250 latest PD Software, Assasin games 1-178. All can be copied onto disk using menu system (Disk Drive required). CD also contains 100 top latest PD games including AGA, AGA demos, music demos, 100 music modules with easy to use player and tracker, latest animation etc, Amiseus 1-25 all this can be accessed via workbench.

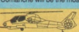
Only £14.99

Save £5 off normal R.R.P.-£19.99 - This Month Only! This CD will work on the CDTV/AS70

Disk Prices Per Disk
1-15 disks £1.05 each
16-24 disks £1.00 each
25+ disks £0.90p each
Choose 1 free disk with every 6 ordered
Catalogue disk on 3 disks - 75p
P+P U.K. 1ST CLASS 60P
U.K. RECORDED DELIVERY £1.25
EUROPE £2.50, R.O.W. £3
ALL STAMPS DONATED TO CHARITY

ATTACK HELICOPTER FLIGHT SIMULATOR

The Comanche will be the most advanced helicopter the world has ever seen.



Boeing/Sikorsky RAH 66
COMANCHE

When its development is complete it will enter service with the U.S Army in 1996.

Test your flying skills over a 65000 sqr km battle area. Filled with over 300 fractally shaped hills, clouds, 1000's kms of rivers and roads. Land at any of five bases. Fly under and around bridges, power stations, etc. Destroy more than 160 passive and active enemy objects. Pit your wits against intelligent enemy anti-aircraft weapons and enemy helicopter. Armaments: Guided hellfire (4) and Stinger (8) missiles, 20 mm (500) cannon. Avionics: Radar and FLIR targeting systems, 5 Mode flight control computer. Enemy radar & laser detectors. Software: Sophisticated flight modelling and collision detection algorithms. Utilises filled polygon 3D real time rendering techniques. 8 view modes. Realistic sound effects, incl doppler shift. Stunning fragmented object explosions. Realtime or user definable interpolation time constant.

University of Salford B.Eng (hons) Aeronautical Engineering

Only £9.95 *Includes instruction manual, postage and packing.*
CBM Amiga Supports A500 A500+ A600 A1200 A1500 A2000 A3000 A4000
Kickstart 1.3 or later Requires a minimum of 1 megabyte of ram Joystick optional

PLEASE MAKE CHEQUE/POSTAL ORDER PAYABLE TO:-
ABSOLUTE IMAGE DEPT CU9B KENELM RD COLWYN BAY CLWYD LL28 4EE

FAST AMIGA REPAIRS

FAULTY TROUBLESOME COMPUTER ??

SEND OR DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR BELOVED AMIGA 500

FOR ONLY £44.00 INC,*

DRIVE OR KEYBOARD REPLACEMENT +£10

WE ALSO REPAIR
A600, 1200, 1500,
2000, 3000 + 4000
* FREE QUOTATION *

COLLECTION SERVICE
AVAILABLE
DOOR TO DOOR
ANYWHERE IN U.K.
£5 EACH WAY

EXCHANGE SERVICE
MODULATORS £19.50
PSU......................£19.50
D/DRIVES £25.50
K/BOARDS £25.50

* WE RESERVE THE RIGHT TO REUSE ANY MACHINE *

FAST COMPUTER SERVICES, TOWER BRIDGE, LONDON SE1 2HG - TEL: 071 252 3553

KT'S PD

DEPT CU
75 THE DRIVE , ROCHFORD
ESSEX SS4 1QQ
TEL/FAX 0702 542434/542536
(MOBILE) 0585 276548

DISK PRICES	
1-3 Disks	£1.25 per disk
4-9 Disks	£1.00 per disk
10+ Disks	90p per disk

Please add 75p per order for postage & packaging
FREE CATALOGUE WITH FIRST ORDER

GAMES

- ❑ ZOMBIE APOCALYPSE
- ❑ AMBASSADOR F/MACH M/C
- ❑ SOCCER CARDS USA
- ❑ 18 HOLE GOLF (2)
- ❑ MASQUERADE AGA(2)
- ❑ AMOS FRUIT II
- ❑ ROAD TO HELL
- ❑ EVIL INSECTS AGA
- ❑ G. PRIX MANAGER
- ❑ STARBASE 13 ((2)
- ❑ TEXAS CHAINSAW
- ❑ STAR TREK (2))
- ❑ MR MEN OLYMPICS (2)
- ❑ SKIDMARKS
- ❑ PRO BINGO
- ❑ TUMBLER STREET
- ❑ FATAL MISSION
- ❑ GLAXO (2)
- ❑ KUNG FU CHARLIE
- ❑ KT'S BOARD GAMES
- ❑ CASE OF DR STRANGE
- ❑ SPECCY GAMES (38)
- ❑ 2 PLAYER SOCCER LG
- ❑ CYBERTECH CORP AGA(2)
- ❑ SILVERBLADE
- ❑ CASH FRUIT
- ❑ DANGERMOUSE
- ❑ SUPER BLUE KID
- ❑ WALLY WORLD (2)
- ❑ TETRIS PRO
- ❑ GIDDY 2
- ❑ GREEN 5
- ❑ DELUXE PACMAN
- ❑ MEGABLOCK II
- ❑ PARACHUTE JOUST
- ❑ DITHELS W/LAND
- ❑ RAISE THE TITANIC
- ❑ BEETLE
- ❑ DEPTH CHARGE
- ❑ BANDITMANIA
- ❑ MATRIX BLASTER
- ❑ SHEPHERD
- ❑ DARTS
- ❑ GLOBAL THERMO WAR
- ❑ SCHNEBITZ INC PUZZLE
- ❑ ORBIT: LIGHT CYCLE
- ❑ CLASH OF EMPIRES (2)
- ❑ KINGDOM AT WAR
- ❑ AMOS SPEEDBALL
- ❑ OVERLANDER
- ❑ DIE FILTH(2)
- ❑ SUPER PRIX
- ❑ A DAY AT THE RACES
- ❑ ANT WARS (2 DISKS)

DEMOS

- ❑ 9 FINGERS (2)
- ❑ TROJAN TRACK
- ❑ S.O.T.A. SPACEBALLS
- ❑ PHOENIX DEMO
- ❑ DREAM TRIPPIN
- ❑ NOICE
- ❑ CLAIRVOYANCE
- ❑ VOMIT
- ❑ DESERT DREAM (2)
- ❑ RETINA EURO 1
- ❑ CLAUSTROPHOBIA
- ❑ PYGMY EXTEN
- ❑ JESUS ON E'S
- ❑ MAYDAY
- ❑ FAIRLIGHT 242
- ❑ SUBLIMINAL XTC (2)
- ❑ HOTH ANIM (4) (3 meg)
- ❑ REVELATIONS SS
- ❑ MOBILE SPACEBALLS
- ❑ LETHAL EXIT
- ❑ INTENSE (2)
- ❑ SANITY ARTE
- ❑ NEOPLASIA PHOBIA
- ❑ SUBTLE SHADES
- ❑ TIMPANIC MEMBRANE
- ❑ WIND IT UP
- ❑ SATISFACTIONG/TEED
- ❑ NO REFUND (2)
- ❑ SEQUENTIAL
- ❑ PHA-Q DEMO
- ❑ FLYING COWS P/S.I.A.K.
- ❑ BAIT MASKING (2meg)
- ❑ METTALICA
- ❑ SHAMEN MIX
- ❑ FLYING LESSONS ANIM
- ❑ TECHNO MODS
- ❑ TRIBAL DANCE
- ❑ LSD TECHNO WARRIOR
- ❑ BASS IN YA FACE
- ❑ A TRIP TO DBASE (2)
- ❑ DATA X TRILOGY
- ❑ DATA X THE VICTIM
- ❑ LOVE (2)
- ❑ BUNGLE MIX
- ❑ TECHNO MANIA II
- ❑ TUNE UP THE BASS
- ❑ RAVE VISION
- ❑ DATA X RENDITIONS
- ❑ DRUM LOOP SAMPLES
- ❑ HIRED GUNS MUSIC
- ❑ OXYGENE CUZCO
- ❑ ARTIFIC PARADISE (2)
- ❑ BANGING RAVES
- ❑ GRAPEVINE 19 (3 DISKS)

1200 UTILS

- ❑ ASI MUTI -VISION AGA
- ❑ ANDY WB3 UTILS
- ❑ ASI FIX DISK 2
- ❑ AGA UTILS 1
- ❑ AGA ICON EDITOR
- ❑ 1200 FINAL TEST
- ❑ AGA MAND 2000
- ❑ AGA GRAPHIC UTILS
- ❑ RE-ORG 3.11
- ❑ WB3 BACKDROPS
- ❑ WB3 VIRUS KILLERS
- ❑ WB3 HACKS
- ❑ IMAGINE BUDDY H/D(2)
- ❑ VIDEO BACKGROUNDS

1200 GAMES

- ❑ AGA MEGABALL
- ❑ AGA TETRIS
- ❑ AGA KLONDIKE(3)v2H/D
- ❑ 2 PLAYER GAMES AGA
- ❑ OSSCAR GAME DEMO
- ❑ MOTOROLA INVADERS 2 (2)
- ❑ MAD FIGHTER

1200 DEMOS

- ❑ SUBLIMINAL XTC (2)
- ❑ FINAL CHAPTER
- ❑ SEDUCTION AGA (2)
- ❑ BOOODEMO
- ❑ PANTA REHI
- ❑ MAX OVERDRIVE
- ❑ MINI AGA (4 DISKS)
- ❑ FRIDAY AT 8
- ❑ CRASH TEST AGA
- ❑ LETHAL DOSE II AGA
- ❑ FATAL MORGANA
- ❑ RAY WORLD (3)
- ❑ COMPLEX: REAL: AGA
- ❑ ORIGIN (2)
- ❑ FULL MOON
- ❑ ABSTRAX PIG
- ❑ VOLACANO
- ❑ EXPLICIT 2
- ❑ BIG TIME SENSUALITY (2)
- ❑ INTERCHANGE AGA
- ❑ NOT AGAIN AGA (2)
- ❑ MOVEMENT :NUMB AGA
- ❑ INFECT:HARMAGEDDON
- ❑ CHANEL NO 5
- ❑ BODYSHOP 6 (2)
- ❑ BODYSHOP 7 (2)
- ❑ SHAD ART (2) S/S
- ❑ AGA FANTASY PICS S/S
- ❑ BABYLON 5 AGA S/S
- ❑ ERIKA AGA S/S
- ❑ CLAUDIA AGA S/S

UTILITIES

- ❑ ASI FIX DISK 2
- ❑ D-COPY 3.1
- ❑ LOCK PICK 2
- ❑ ENGINEERS KIT
- ❑ FREECOPY 1.8 OR 1.9
- ❑ AMIGA BEGINNER
- ❑ W/BENCH 2 TUTORIAL
- ❑ MAVERICK COPY
- ❑ SKICK WB3
- ❑ MENUMASTER 3
- ❑ AMIGA DOS TUTORIAL
- ❑ CRACK & COPY
- ❑ FAKEMEM
- ❑ PRINTER DRIVERS
- ❑ MARBLE BASE
- ❑ HARD DRIVE UTILS
- ❑ SPECTRUM 1.7 WB2/3 OR 1.3
- ❑ CHEQUEMATE
- ❑ PC TASK 2
- ❑ LITTLE OFFICE
- ❑ PRINT STUDIO
- ❑ SID 2
- ❑ BUSINESS LETTERS
- ❑ EAST CALC PLUS
- ❑ POOLS WIZARD JNR
- ❑ TEXT ENGINE4.1
- ❑ IMAGINE OBJECTS
- ❑ MAGNUM 1.7
- ❑ SONIC DRUM KIT
- ❑ INTERNET GUIDE
- ❑ AMIGA FAX
- ❑ ICONS (3)
- ❑ GAME TAMER 4.59
- ❑ CALORIE BASE
- ❑ CHEATS V3
- ❑ MAP STATION
- ❑ ASTRONOMY v2.1
- ❑ PHOTOGRAPHY
- ❑ ERROR INFO
- ❑ MINI MORPH
- ❑ INSCRIPT v1.1
- ❑ PRINT A CARD
- ❑ FONT FARM 4 AND 5 (2)
- ❑ SUPERLEAGUE
- ❑ WORD UTILITIES
- ❑ SOFTWARE LISTER
- ❑ PROPAGE HELP DISK
- ❑ C/ART FOR PROPAGE (2)
- ❑ RUNEMASTER
- ❑ VIRUS BOOK
- ❑ KNIT
- ❑ ACCOUNT MASTER 2.12
- ❑ DISK REPAIR 3
- ❑ DIVIDEND WINNER
- ❑ AUDIO TOOLS (2)
- ❑ PROGRAM LOADER
- ❑ MAGNUM CREATOR V1.9
- ❑ PURE GENIUS
- ❑ SUPERLEAGUE V3.4
- ❑ JAPANESE TUTOR
- ❑ KICK V1.4
- ❑ ASI AGA MULTI-VISION
- ❑ MAND 2000
- ❑ ASI FIX DISK
- ❑ HAM LAB+
- ❑ A1200 UTILS DISK
- ❑ AREXX REF MANUAL

UTILITIES

- ❑ X PASSWORD H/D
- ❑ VIDEO TITLER
- ❑ RUSH HD UTILS
- ❑ BANNER MAKER
- ❑ HOW TO CODE IN C (2)
- ❑ S-SOLVE CROSSWORD
- ❑ B-BASE 3
- ❑ DISK MANAGER 3
- ❑ DOC DUMP 3.6
- ❑ GNU C/C+ COMPILER(3)
- ❑ COURSE FORM
- ❑ CG FONTS
- ❑ PARNET (2)
- ❑ PARNET HELP
- ❑ VIRUS ALERT
- ❑ SUPER VIEWER 2.4
- ❑ EDWORD PRO 4
- ❑ ASI COPY DISK
- ❑ C.A.G. V3.1
- ❑ THE DESIGNER V2.2
- ❑ THE EMULATOR BBC
- ❑ PD DISK EXPANDER
- ❑ ESSENTIAL PRINT/PROG
- ❑ OCTAMED 2 +Y
- ❑ PROTRACKER 3.1 +Y
- ❑ X BEAT PRO+Y
- ❑ NO SAMPLER 3
- ❑ ROBS HOT UTILS NOs 1-10
- ❑ M.Y. OWN S/BOOTING DISK

CLR LICENCEWARE

- ❑ CLE 05 A-CHORD
- ❑ CLE 30 B/CALLY AMIGA (3)
- ❑ CLE 35 SOLAR SYS II (3)
- ❑ CLE 39 LITTLE ARTIST (2)
- ❑ CLE 47 SEA SENSE
- ❑ CLE ROCKET MATHS
- ❑ CLE 49 TC DINOSAUR
- ❑ CLE 50 DRAT V2 (2)
- ❑ CLE 51 PAINT & DRAW
- ❑ **CLE 53 LETS LEARN 2**
- ❑ **CLE 54 TITANIC (2)**
- ❑ CLU 03 TYPING TUTOR
- ❑ CLU 04 ALPHA GRAPH
- ❑ CLU 09 PLAY N RAVE
- ❑ CLU 10 POWER ACCOUNT
- ❑ **CLU 39 HARD D/MENU 2**
- ❑ CLU 21 INVOICE MASTER
- ❑ **CLU 32 POWER TEXT**
- ❑ **CLG 54 NATIONAL HUNT**
- ❑ **CLG 49 SPACE POWER**
- ❑ CLG35 CRITERION
- ❑ **CLG 57 DREAMSTREAM**
- ❑ **CLG 50 HAIRPIN 2**
- ❑ **CLG 53 WALL STREET (2)**
- ❑ CLG 51 TEN PIN BOWLING
- ❑ **CLG 56 SENTINAL**
- ❑ **CLG 55 CRYSTAL QUEST**
- ❑ **CLG 48 LOST PRINCE (2)**
- ❑ **CLG 41 F1 RACER**
- ❑ **CLG 42 CRYSTAL SKULL**
- ❑ **CLG 43 PIC IT (2)**
- ❑ **CLG 44 VIKING SAGA**
- ❑ **CLG 45 KNIGHT FIGHT(2)**

CLR Prices as follows
1Disk Title = £3.95p
2 Disk Title = £4.95p
3 Disk Title = £5.95p
NEW TITLES IN BOLD
free pd disk with every clr title

QUALITY ACCESSORIES

8MM High Quality Mouse Pad	£2.99
6MM MOUSE MATS	£1.50
25 CAP DISK BOXES	£2.00
Amiga 500/600/1200 Dust Covers	£3.99
Phillips 8833 Monitor Dust Covers	£5.99
3.5 Disk Drive Cleaning Kit	£2.99
Printer Stand (Fits All Dot Matrix Printers)	£5.60
Blank Disks (High Quality With Labels)	£0.45
100 Cap Disk Boxes	£6.45
Mouse Cleaning Kit	£6.00
Printer Lead (2 meters)	£4.00
Mouse Trap	£1.99
Disk Labels	100 for £1.00 / 500 for £6.00

SPECIAL PACKS

ADOBE FONT PACK
8 Disks Full of Type 1 Fonts for your Dtp Work
£8.00 inc P+P
BUSINESS PACK
6 Disks For All Your Business Needs
£6.00 inc P+P
DTV VIDEO PACK 2
4 Disks For All Your Video Work £4.00 inc P+P
COLOUR FONTS
5 Disks £5.00 inc P+P
BODYSHOP PACK
9 Disks £9.00 inc P+P
FIT CHIX PACK
6 Disks £6.00 inc P+P
1200 PACK
6 Disks £6.00 inc P+P
1200 DEMO PACK
10 Disks £10.00 inc P+P
EDUCATIONAL PACK
5 Disks £5.00 inc P+P

CD TITLES

CDPD NO's 1/2/3/4 £18
MULTIMEDIA T/KIT £18
AMINET NO's 1/2/3 £18
DEMO CD I £17
DEMO CD II £18
17 BIT DOUBLE COLL £36
17 BIT CONTINUATION £18
EUROSCENE 1 £14
LOCK&LOAD (GAMES) £18

ZX SPECTRUM 1.7 EMULATOR

10 Disks full of all the classic speccy games and the emulator for only £10.00 inc p+p
Can be ordered as singles at normal prices per disk.
WE NOW HAVE GAMES DISK UP TO NO.38

HOW TO ORDER: Please make cheques payable with bankers card no, or postal orders to
KT's PD(Software).
All orders sent first class same day

100 PD GAMES NOW ONLY £6.00 inc P+P
SPEND OVER £15.00 AND RECIEVE A DISK C/KIT FREE WORTH £2.99.
BUY TEN DISKS AND CHOOSE 1 FREE
MONEY OFF VOUCHER'S WITH EVERY ORDER
PD DISKS AT ONLY 50p (SEE CATALOGUE DISK)

We also stock
Fred Fish 1-1000
CLR Licenseware all titles
Assassins collection up to No.202
Also Scope and LSD

FREE · FREE

GAMES CHEATS 1.4 EMULATOR

ON ALL NEW ORDERS

UNDERGROUND
P
D

FREE FREE

LIBRARY DISK POST AND PACK

ON ALL NEW ORDERS

PLATFORM GAMES
791 DOCTOR STRANGE
792 DANGER MOUSE
627 KUNGFU CHARLIE
556 CLAWS THE CAT
591 BEETLE
273 KELLOGG EXPRESS
368 BALDY
367 WIBBLE-W-GIDDY
741 GIDDY 2
538 SMIDGE
346 FRUIT SALAD
715 SUPER BLUE KID
652 BAT DOG
188 CRAZY SUE 2

TETRIS COLUMNS
390 DIZZY DIAMOND
472 GAMEBOY TETRIS
626 MEGA BLOX
597 TETRIS PRO
294 KLACKTRIS
293 DR. MARIO

ARCADE GAMES
795 DYNO WARRIORS
645 DEPTH CHARGE
800 TIME RUNNER
731 HUNTED MINE
621 TANK TRAX
777 SENSI MASSACRE
805 TRANS PLANT
810 TASK FORCE
590 METAL MOTION
429 ZOMBIES
547 UGGO PANG
706 OBLITERATOR
449 ELEVATOR 2
117 HELL ZONE
725 MICRO BATTLE
406 SPACE RESCUE
685 DOCTOR WHO
659 SCROCH TANX
332 SUB-SEALANCE

DRIVING GAMES
811 RACING MANIACS
652 MOOSE DRIVE
469 ROAD TO HELL
428 SKID MARKS
422 FORMULA MONACO
735 AUTOMOBILES
333 BATTLE CARS 2
613 HIGH OCTANE 2

PUB GAMES
805 CASINO CARDS
803 ROULETTE
560 WORLD DARTS
734 BILLIARDS
222 FRUIT MACHINE
598 PINBALL FLIP
552 POKER DICE
549 DOMINOES
261 BINGO
551 RUMMY
010 POKER ARCADE
375 SOLITAIRE
720 PONTOON

PACMAN GAMES
656 WACK MAN
713 MOUTH MAN
252 YUM YUM
230 SUPER PACMAN
397 DELUXE PACMAN
102 LADY BUG

BRAIN GAMES
726 PENGO 2
119 DRAGON TILES
317 LEXESS 2
452 CLIFFHANGER
602 EXIT 13
323 O.X.Y.D
250 CUBE-U-LOUS
716 TOP POP QUIZ
309 QUIZ MASTER
289 QUINGO
112 DRAGON'S CAVE

BOARD GAMES
032 MONOPOLY
247 CHESS
548 BACKGAMMON
296 RISK
530 0THELLO
524 EXCELLENT ATOM
229 SNAKE-LADDER
631 SCRABBLE

SPORTS GAMES
630 TEN PIN BOWLING
492 KARATE
104 FUTURE FOOTBALL
120 AMOS CRICKET
636 BOXING
686 SPORT CHALLENGE

INVADER CLONES
498 LAST REFUGE
596 GORF INVADERS
122 INTACTS
031 OBLIVION
343 CYBERNETICS
701 GALAGA DELUXE
679 STARIANS
717 NOSTALGIUM
546 CAFFEINE FREE

PONG BREAKOUT
003 MEGABALL 1
459 MEGABALL 2
421 REBOUND
007 BATTLE PONG
733 SICKBALL 2
709 WAYNE'S WORLD

MANAGER GAMES
321 AIRPORT
404 THE METRO
593 SPEEDWAY CUP
443 SLAMBALL
694 FORMULA ONE
668 U.S.A 94
322 MICRO MARKET
310 THE MANAGER

A1200 ONLY GAMES
786 CYBERTEK (2 DISKS)
522 CD (1 DISK)
508 TEN SPECTRUMS (2 DISKS)
503 TETRIS (1 DISK)
736 TETRIS-D (1 DISK)
696 TO DEATH (1 DISK)
662 MADFIGHT (1 DISK)
512 KLONDIKE (3 DISKS)
505 INVADERS (2 DISKS)
559 MEGABALL (1 DISK)
622 DYNATEC (2 DISKS)
747 ZOMBIE 2 (1 DISK)

THE GAME CHEATS
681 30 SOLUTIONS
418 1000 CHEATS
699 50 SOLUTIONS

OVER 18 GAMES
712 TERROR LINER 2
101 TERROR LINER 1

GAMES ON 2 DISKS
783 STAR WOIDS
423 TEN SPECTRUMS
478 THE TALISMAN
545 THE EXORCISM
456 MR MEN OLYMPICS
116 STAR TRECK
711 WALLY WORLD
695 THE ANT WARS
710 THE PYRAMID
297 NEIGHBOURS
395 STAR BASE 13

CLASSIC GAMES
778 OVERLANDER
692 SPACE INVADERS
011 ASTEROIDS

ADVENTURE GAMES
703 THRALL BOUND
482 BLACK DAWN
471 STUBB CITY
043 THE SURVIVOR
041 GHOST SHIP

DISKS COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY
All games are on 1 disk and run on all Amiga'sunless otherwise stated.
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND P.D, 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ Tel: 0702 295887

Name: .... Telephone: ....

Address: ....

.... Postcode: ....

AMIVISION SOFTWARE

Addictive and detailed multi-player formula one maagement simulation

Sign driver contracts from any of the 50 drivers, make engine and tyre supplier deals.
Check the weathe conditions and forecast, call up the track information and set up your cars for qualifying. Choose your wing settings and tyre compounds as well as tuning the engines and even training the pit crew!
Then it's onto the race... the engines rev as the drivers await the green light... then suddenly the light changes and the cars zoom of the grid...

FORMULA 1
Challenge v4

Watch the races as they unfold with three levels of highlights, monitor tyre wear and grip levels, make pitstops. Crashes, spins, pile-ips, car failures, stop/go penalties, weather changes, fastest and record laps, pitstops, etc.

Accurate and detailed graphics of the cars, championship circuits, etc. Qualifying, news section, realistic sound fx, load/save games, weather forecasts, statistics saved, sponsors, full drivers and constructors championships and so much more. Includes full 1994 season data.

only £14.95
with instruction manual

..League results database and analysis utility

- Store league results
- Analyse results with graphs
- Predict match results (Pools prediction)
- Follow your favourite teams performance and form

- Store/Analyse any type of league with 2-24 teams (Bowling, snooker, darts leagues etc.)

FOOTBALL STATISTICIAN
Professional

- Numerous statistics and display methods
- Many preferences and options
- Easy to use interface

NEW

An essential program for any football fan or for storing/analysing any other type of league

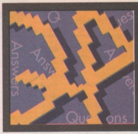
only £14.95
with instruction manual

SPECIAL OFFER - Why not order both for just £24.95 and save almost £5!

Overseas orders please add £1 P & P   All programs require 1MB & A1200 compatible
**Please make cheque/PO payable to S. "RENNOCKS" **
DEPT CU, 1 CHERRINGTON DRIVE, GREAT WYRELY, WALSALL, WEST MIDLANDS, WS6 6NE

LOGOS, MEANINGS AND MYSTERIES:

CD ROM	CD32 queries, Parnet and various other CD ROM-related problems.
EXPANSIONS	All about upgrading RAM, operating systems and processors.
ACCESSORIES	Plug-in hardware of any kind: scanners, disk drives etc.
PROGRAMS	Answers to queries on particular pieces of software.
SOUND	Music, sampling, MIDI and anything that makes a really loud noise.
UTILITIES	Miscellaneous tools to keep your Amiga running smoothly.
PRINTERS	Form-feeds, page-breaks, preferences and lots lots more!
MONITORS	Monitors, TVs, modulators, screen-modes and all that stuff.
GRAPHICS	Pixels, sprites, animation, pictures. In one small word: graphics.
BUSINESS	Spreadsheets, databases, organisers, accounts ...
HELP	Not everything fits into a pigeonhole, but anything you like fits in here.



Looking for trouble? You've come to the wrong place. The trouble-shooting Q&A team are here.

John Kennedy: "Bah! My new 68040 turned out to be two 68020s glued together."

Andy Leaning: "Awfully sorry, I really can't ... talk now ... I ... just ... gotta ... go and ray trace."

NEW WB FOR ME

Having read your August issue, one small article leapt out at me – the news that Blittersoft were offering an official upgrade to version 3.1 of Workbench, even for my humble Amiga A1500. What does upgrading include? Does it matter that I don't have an AGA chipset?

I also have a GVP 030 50MHz Combo accelerator. Will this present any major problems should I choose to upgrade?

Mr. P. Taggart, Wootton Bassett, Wiltshire.

The upgrade kit includes a new Kickstart ROM version 3.1 (or two ROMs for the A4000/A1200), six disks and a set of manuals. It provides an operating system that looks similar to Workbench 2, but includes all the extras in version 3 (such as datatypes) and a few more nice bits and pieces (such as support for CD-ROM drives).

To upgrade the A1500, you will need to open the case, remove the old ROM and insert the new chip. You will then need to install the software by following the on-screen instructions. It should take half a hour maximum – the hardest part is remembering not to grip the ROM too hard and letting it spin round in your fingers and stab you. John has done this several times and it leaves an extremely weird scar.

The fact that the AGA chipset is not present in the A1500 is not a problem – in fact, it was partly for this reason that the upgrade was made available in the first place. Now there is a standard Amiga operating system platform and any Amiga, from the A500 up, can use Workbench release 3 programs and utilities.

Even better, if you have a graphics card such as the Picasso fitted to your A1500 (which would be a very smart move on your behalf by the way) you'll now be able to open what were up to now AGA-only Workbench displays. The GVP accelerator should continue to work perfectly, so your A1500 will be almost identical to an A4000/030.

Unfortunately, the 3.1 ROMs will not work in the CDTV – although 3.1 contains CD-ROM code, it's not the right CD-ROM code. The CDTV remains the only Amiga locked into Kickstart 1.3, as the relevant 2.04 ROMS never made it beyond developer status. Boo, hiss.

FASTER (BUT NOT TOO FAST)

My Amiga set-up consists of an A500 computer, a GVP A500HD Impact Series 2 hard drive and 4Mb of Fast RAM. I use it mainly for Desktop Video work and DTP.

I am interested in accelerating my Amiga with the Supra Turbo 28Mhz card which plugs into the side expansion of the A500.

I would like to know your opinion on these type of accelerators, as I do not wish to upgrade to an A1200 as a lot of gear is not compatible with it.

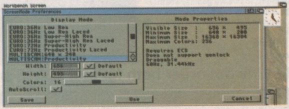
I would also like to know if accelerating the A500 will speed up printing with *Wordworth* and *PageStream*. Thank you.

Francis Laus, Mosta, Malta.

If only GVP had kept their promise of upgrading the A500HD+ to the accelerated version there would be an obvious upgrade path to the much faster 68030 for you. Yes, the Supra Turbo will speed up your system but not by a very great deal, as the CPU remains a 68000 which is cramped by the 16bit memory bus. An A5000 020 or B5000 030 card would be better, these were manufactured in the UK by SSL. I have been using a secondhand one I bought for £50 and have never had a problem with it.

However, you really must consider upgrading to an A1200. The improved graphics capabilities will make your DTV material look a lot better, and the faster Chip RAM (it's now 32-bit thanks to the 68020) will speed up your DTP programs. There are several good degrader programs which should help any stubborn old programs work with the new Kickstart, but best of all if you keep the A500 system you'll be able to use ParNET to provide your A1200 with a cheap (albeit slow) hard drive system.

Any speed-up system will reduce the time you spend waiting for these programs to print - although even with an A4000 you can wait a long time when fancy scalable fonts are being used.



```
Display Mode
EURO:36Hz Low Res
EURO:36Hz Low Res Laced
EURO:36Hz Super-High Res
EURO:36Hz Super-High Res Laced
EURO:72Hz Productivity
EURO:72Hz Productivity Laced
MULTISCAN:640 x 240
MULTISCAN:Productivity
     Width: 656   ✓ Default
    Height: 495   ✓ Default
    Colors: 16
AutoScroll: ✓

Mode Properties
Visible Size   :   656 x   495
Minimum Size   :   640 x   200
Maximum Size   : 16368 x 16384
Maximum Colors: 256

Requires ECS
Does not support genlock
Draggable
60Hz, 31.44kHz
```

All these new monitor types are possible with Workbench 3.1 and if you don't have an AGA Amiga, but have a graphics card you can now open Workbench display.

TOO SLOW?

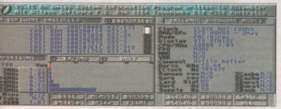
I own a 1Mb A500 which until recently has worked perfectly. Now it has started crashing all too frequently. It may be a coincidence but it only seems to happen with my 1Mb games.

Whilst looking through some coverdisks I found *SysInfo* and discovered that apparently my 68000 is running at 6.94Mhz (not 7.14) and my 512K expansion is actually Slow RAM! Please help?

Jonathon Sears, Essex.

The speed of your 68000 is within the margin of error, so don't worry about that. Also, your 512K expansion is indeed Slow RAM. Only the latest A500s had a new improved Agnus which could address more that 512K of Chip RAM. *SysInfo* should be able to tell you which yours is. On 512K Agnus computers the extra trapdoor memory is called 'Slow RAM'.

If you have a 1Mb Agnus, you can alter the A500 to use the trapdoor as Chip RAM (more samples and more screens open at once) but as you only play games there would be no real benefit.



SysInfo is great at quickly identifying the chips in your Amiga, and also good for a quick indication of speed. Most older A500s will have a 512K Agnus, although this one has a specially enhanced 2Mb Obeise chip fitted.

However, it sounds as though your memory expansion is starting to play up. If the RAM chips are in sockets, it is possible that a chip has worked its way loose slightly, so take the card out and press all the chips firmly.

You should also get 17 Bit Software (tel: 0924 366 982) to send you their disk full of diagnostic programs, which will test the memory thoroughly in case one of the chips is malfunctioning.

SMALL AND BLURRY

I have recently bought an A1200 with an 80Mb hard drive. The Workbench display is far smaller than it should be and it is blurred. The computer shop that I bought it from has closed down and I can't get any help.

Colm McKenna, Armagh, N. Ireland.

How small a display? Blurred in what way? Are you using a TV or a monitor? You should be able to see our problem here Colm – it's hard to tell exactly what's going on, but here are some guesses.

First of all, use the Preferences program called ScreenMode to change the display type to PAL HiRes in 16 colours. Save this setting. Next use the OverScan preferences program to centre the display and stretch it out the screen size as much as possible. Save these settings too.

You should now have a Workbench display that is at least 640 by 256 pixels big. If you want a large display, you can use HiRes Lace, which will double the display to give you 512 lines but at the expense of some flicker. These instructions will work if you have a TV or a normal monitor (such as a Philips CM8833).

If you have a multisync monitor use the DblPAL, Super72 or Multisync Productivity modes instead for a larger and flicker free display. Always remember to boot from the hard disk (not a floppy) and save the settings you make.

As far as the blurred screen display is concerned – well, that depends. Are you using the normal RF out into a colour TV? If so, the display won't be perfect and you will need to experiment with tuning the TV. Older TVs simply won't work well at all and there is not a lot you can do about it. If you have a modern TV with a SCART socket at the back, get a specific lead to connect the Amiga's RGB output to the TV. Most computer hard and game shops sell these for about £10 and they make a big difference.

EASY PRINTING

I have an A600 with a 1Mb upgrade, connected to a Citizen Project 11 Inkjet printer. What software would you recommend for printing graphics? It must be easy to use – I tried *Deluxe Paint III* and could not get it to work.

Micheal Foster, Chesterfield, Derbyshire.

You couldn't get *Deluxe Paint* to print? Bad news. I'm afraid it would be difficult to find something that is simpler to use.

Check the manual carefully and try again. Make sure you have selected the correct printer in the Workbench Preferences Printers program.

If you are still are stuck, you might consider some of the Studio Printer software which is available from JAM, 75 Greatfields Drive, Uxbridge UB8 3QN. (tel: 01895 274449).

COMMS QUERIES

I have owned my A500 for over three years, and have been reading your excellent magazine since I first got it. I have recently become interested in Comms and have a few questions:

1. Is CompuServe a free phone modem number which comes with a monthly subscription?

2. Where can I get more information on CompuServe?

3. Do modem calls cost less that normal telephone calls?

4. What modem would you suggest buying to a first-time buyer? Also, what Comms software would you suggest I get?

5. Can you tell me of any numbers of Bulletin Boards local to me?

Now, finally, for a non-Comms related question:

6. My ESCape button hardly ever works anymore. Can I fix it, or do I need a new keyboard?

Simon P. Mallard, Carlton, Nottingham.

That's what we like to see – a loyal reader. Since you get CU AMIGA so often, I hope you have had the good sense to subscribe to it – if not do it now, and you can now save some money on the excellent Bruce Smith *Mastering AmigaDOS 3* book (tel:0923 894 355).

1. CompuServe do charge monthly (under various different schemes for different users) but you also need to pay for connection time. There are local access points everywhere, but you still must pay your telephone bill when you dial them up.

2. Ring 0800 289378 and ask for an information pack.

3. No, modem calls cost exactly the same as normal 'voice' calls. The telephone company don't know (or care) what you send down the line as long as you pay for it at the normal rate. Remember that BT's weekend cheap rate makes using boards further afield a lot less painful at the end of every quarter.

4. Don't get anything slower than a 14,400 baud modem – the USRobotics Sportster 14,400 FAX Modem is one of the best for beginners (see August's issue for a review). Recent reductions in price make it a bargain.

5. MacTel 0602-455417,
The East Midlands Net 0602-445307,
Derbyshire Hub 0602-445307,
The Crypt 0602-445307
Nottm 0602-855607
perhaps some of these will do.

6. Gently prise off the keycap and spray in a small amount of aerosol contact cleaner or WD40. If that doesn't work you'll have to contact one of the repair shops that advertise in CU AMIGA.

COPY CAT

I give up. I know it can be done. It must be possible. I have tried but I still can't do it. I have read countless books and tried to do it countless times, but to no avail. If you only have one disk drive how do you copy the music files from your brilliant coverdisks to a blank disk? It appears to have copied the files but then asks for the coverdisk back even when it is in the drive.

Chas Mitchell, Stafford.

It's not that difficult really, Chas. The easy way is to make a note of the disk names and always use them instead of df0: (which refers to the current disk in the drive, not the drive itself). In other words, don't enter:

```
copy from: df0:sound to df0:
```

but something like:

```
copy from CUDISK:sound to
MYDISK:
```

The problem is that the 'copy' command has to be read from disk before it can be used. You can get around this by making it resident, »

>> which means it is stored in memory. Enter

```
resident copy
```

and see if that helps. Or you can perform the copy in two stages - firstly to copy the files to the RAM Disk like this:

```
copy from df0:sound to ram:
```

and then to the new floppy -

```
copy from ram:sound to my floppy:
```

Or from the Workbench drag the icon into the RAM disk, and then drag it to the new floppy. See? There are dozens of ways of doing it. You could even duplicate the original floppy with DiskCopy and then erase all the files you *(that's enough ways thank you – Ed).*

BAD MEMORY

I have an A1200 with a Commodore fitted 80Mb hard drive and have some problems with the Amitek RAM board from Silica. It kept crashing so I sent it back and got another one. This also didn't work.The third one I have crashes after about 20 minutes. An ICL engineer checked the computer, found no faults but replaced the motherboard anyway.
Chris Hill, Barnet, Hertfordshire.

Commodore didn't sell any A1200s with drives fitted – but that's another story. It sounds to me like a power supply problem, so try one with a little more oomph, such as one from an A500. For even more power (grunt, grunt) you could write up a spare PC PSU. You need +12 volts, +5 volts and -5 volts DC – nothing out of the ordinary.

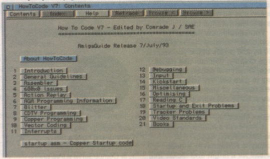
METAL BASHING

I've been programming my C64 since 1985, and I have a lot of experience of 6502 assembly language. Poor me, I thought that 68000 programming would be nothing more than learning all the new hardware addresses. In December I bought an A500, but recently moved over to an A1200 with a 240Mb hard drive. I bought Devpac 3 and some books, but now I'm still next to nowhere because the only things these stupid books teach me is how to open windows and stupid stuff like that.

Isn't there something decent available like the C64 Programmer's Reference Guide? And what are those Native Developer kits? They sound just what I'm looking for – but I'm not a native.
Pieter Frenssen, Hasselt, Belguim.

Ah, Pieter – a common problem and one which has caused a lot of problems for many budding programmers. The Commodore 64 was actually rather a simple beast to program, with all the work done by special chips which could take a good poking in order to work.

The Amiga on the other hand, isn't a jumped up games console – it's a computer with a superb multitasking operating system. There are therefore two ways of programming the Amiga.



How To Code V7 - Edited by Comrade J / SAE

AmigaGuide Release 7/July/93

1. Pretend it's nothing more complicated than a games console and poke at the registers until they squeak.

2. Use the operating system to take off everything.

Now, technique one is initially very attractive but you soon come across problems. First of all, there have been many revisions and improvements in the Amiga custom chips and if you dive in and write a game for the A1200, you may well find it falls over totally on an A500 or an A4000. Secondly, if you want to write games which will work on new hardware – say the CD32 – you can't possibly know whether your program will work.

If you use the second technique, you can be sure your program is completely Amiga-friendly. Contrary to popular opinion this doesn't mean that it has to be deadly slow and written in C without any fancy copper lists but you do have to request the resources from the operating system first. A game written properly in this way will work on any Amiga and be able to make use of advanced features present on new hardware platforms.

***Blitz Basic* is an excellent language with which to learn about the various Amiga hardware features available, and you can also integrate 68000 code directly to speed things up (*Blitz* has an integral assembler). However, if you insist on bashing the hardware directly, keep a look out for the file HOWTOCODE7 by Comrade J which will provide you with all the register addresses you'll need, and also some handy hints on being nice to the operating system at the same time.**

The Native Developor kits (available from Sharon McGuffie, Commodore UK, Commodore House, The Switchback, Gardner Road, Maidenhead, Berks Sl6 7XA. Tel: 0268 770088) costs £23 and contains disks crammed with the details you'll need to program the Amiga properly. There are testing and debugging programs, new v3.1 includes for assemblers and compilers and lots and lots of advice.

But whatever you do, remember the Amiga isn't a games console or a C64 – it's an Amiga, so treat it with some respect.

DRIVE DILEMMA

I am planning on buying a GVP HD8+ Hard drive for my A500+ very soon. I would like your advice on how to partition the drive – in other words, how big the partitions should be. Also I could probably only afford a total of 4Mb of extra Fast RAM in the drive, so if I bought 2Mb now and 2Mb later, what combination of SIMMs would I need?
Adnan Hussain, Edmonton, London.

The standard way of setting up an Amiga hard drive is to create two partitions: one called Workbench (for all your Workbench stuff surprisingly) and the other which is called Work.

Unless you plan on having an extremely large number of fonts or libraries, you should be able to get away with 8 to 10Mb for the Workbench partition. The Work partition will take up the rest of the drive. It is not usually worthwhile creating more partitions as each one consumes some precious memory. If you feel you need more organisation, create a drawer and leave it out on the Workbench where it can behave like another partition – without using RAM. Remember that if you run out of space, other SCSI drives can easily be connected the SCSI port at the rear of the HD8+.

The GVP HD8+ has four SIMM sockets, so get two 1Mb SIMMS to start with (they should cost less than £30 each) and another two when you can afford it.

VIDEOSTUDIO FIXED

I was sorry to read in April's CU AMIGA that you wrote off Video Studio v3 for the A1200 when replying to W. W. Windsor of Winslow. It works very well on my A1200, indeed even better than it did on the A500.

VideoStudio is set up on two disks (VS1 and VS2) for use with Workbench 1.3 or Workbench 2 but it does work perfectly with Workbench 3 if a few small changes are made on the VS1 disk.

Delete the following: C, Devs, L, Libs, S, System, Go_1.3, Install 1.3, Install 1.3.info, Install 2.0 and Install 2.0.info.

Rename Go_2.0 as GO.

Remove the boot block (from Shell type
INSTALL DF0: NOBOOT)

Copy Prefs/Overscan and its .info file from Workbench 3.0 to the root of VS1 but renamed as Preferences and Preferences.info.

Copy the Translator.library to Workbench3/Libs from Libs in either Workbench 1.3 or 2.0.

Now boot from the Workbench 3.0 and insert both VS1 and VS2 into the drives. Click on the VS2 and the program should run.

To run VideoStudio from a hard drive, just copy VS2 and the modified VS1 into a single drawer on the hard drive names VideoStudio. Assign both disks as given in the manual, alter the default tool on the Link icon to identify the new path for GO and that's it! I hope this will be helpful to those who, like me, find VideoStudio a versatile and useful video utility.
Peter A. Long, Stanway, Colchester.

Changing code is not to be taken lightly. It may be copyrighted or could go wrong if you're not careful!

CITIZEN DOT MATRIX & INKJET PRINTERS

NEW! COLOUR INKJET ONLY £249 INC VAT!

FREE! FROM SILICA

- **DELIVERY** Next Day - Anywhere in the UK mainland
- **2 YEAR WARRANTY** (Excluding consumables)
- **PRINTER KIT** With Citizen dot matrix printers from Silica
- **WINDOWS 3.1** Free Windows 3.1 driver with Printer Kit
- **HELPLINE** Technical support during office hours

PRINTER KIT
CITIZEN
CITIZEN

FREE! PRINTER KIT WORTH £57.58 INC VAT

FREE PRINTER KIT INCLUDES:

- 3½" Disk with Amiga Print Manager
- 3½" Disk with Windows 3.1 Driver
- 1.8 Metre Parallel Printer Cable
- 200 Sheets of Continuous Paper
- 50 Continuous Tractor Feed Address Labels
- 50 Continuous Tractor Feed Disk Labels

AMIGA PRINT MANAGER

For faster printing from your Amiga, with clearer images and more vibrant colours. Available free of charge as part of the Silica Printer Kit.

- Improved Image Smoothing
- Image Scaling
- Gamma/Colour Correction
- Colour Separation
- Reduces/Illiminates Banding

KIT VALUE £57.58 INC VAT

ABC 24

24 PIN 192 CPS 80 COLUMN

CITIZEN ABC 24
ABC
-24-
CITIZEN

FREE! PRINTER KIT WORTH £57.58 SEE LEFT

2 YEAR WARRANTY

COLOUR OPTION AVAILABLE SEE BELOW

IDEAL FOR THE FIRST-TIME USER

EASYSTART SOFTWARE

- 24 pin - 80 column
- 192cps Draft (12cpi) 64cps LQ (12cpi)
- 8K Printer Buffer
- 5 Fonts: 3 LQ, 2 Scalable
- Parallel Interface
- Graphics Resolution: 360 x 360dpi
- 2 Emulations: Epson & IBM
- Citizen Emulation Autoset Facility
- Quiet < 48dB(A)
- Built-in 50 Sheet Automatic Feeder
- "EASYSTART" S/W
  - Windows Driver
  - Amiga Driver
- Optional Extras: 128K RAM
  - Colour Kit
  - Tractor Feed
- FREE Silica Printer Kit
- 2 Year Warranty

FREE DELIVERY IN UK MAINLAND

OPTIONAL COLOUR KIT

Add full colour to your printouts with the easy to install, optional ABC colour kit.

£21.28 PRA 1237 + VAT = £25 INCLUDING VAT

RRP	£189.00
PRINTER KIT	£49.00
TOTAL VALUE:	£238.00
SAVING:	£111.19
SILICA PRICE:	£126.81

£126.81 PRI 2411 + VAT = £149 INCLUDING VAT

COLOUR PORTABLE 126 CPS

CITIZEN
Notebook Printer II

FREE COLOUR RIBBON

2 YEAR WTY

FREE DELIVERY

- Citizen Portable Thermal Notebook Printer II
- Fast LQ Output - 126cps (12cpi)
- 18k Printer Buffer/5 Fonts
- Parallel Interface
- Graphics Resolution: 360 x 360 dpi
- Epson, IBM, NEC and Citizen Emulations
- Drivers for MS Windows 3.1, MS Word and WordPerfect
- Prints on Std Paper
- Built-in Auto Sheet Feeder - 5 Sheets
- Colour Ribbon Supplied
- Battery Optional (see below)
- 2 Year Warranty

RRP	£349.00
FREE RIBBON	£5.88
TOTAL VALUE:	£354.88
SAVING:	£142.97
SILICA PRICE:	£211.91

£211.91 PRI 2104 + VAT = £249 INCLUDING VAT

SPECIAL OFFER! SAVE OVER £24 NOTEBOOK PRINTER II BATTERY WHEN PURCHASED WITH PRINTER £20 INC VAT Ref: PRA 1148 - Normal price £44.99 INC VAT

INKJET 180 CPS 80 COLUMN

- Citizen Projet II Inkjet - 80 column
- 180cps Draft (10cpi)
- 120cps NLQ (10cpi)
- 50 Nozzle Head - Quiet 46dB(A)
- 50K Printer Buffer
- 1 x IC Card Slot
- 3 Fonts Built-in
- Optional HP Compatible Font Cards
- Parallel Interface
- Graphics Resolution: 300 x 300dpi
- HP Deskjet Plus (PCL3+) Emulation
- Automatic Sheet Feeder
- Includes Windows 3.1 Driver
- Monochrome & Colour Versions Available
- 2 Year Warranty

CITIZENPROjet II

NEW! COLOUR VERSION NOW AVAILABLE

2 YEAR WARRANTY

FREE DELIVERY IN UK MAINLAND

FREE CABLE

PROJET II MONO

RRP	£316.00
FREE CABLE	£8.47
TOTAL VALUE:	£324.47
SAVING:	£155.11
SILICA PRICE:	£169.36

£169.36 PRI 2093 + VAT = £199 INCLUDING VAT

PROJET II COLOUR

RRP	£279.00
FREE CABLE	£8.47
TOTAL VALUE:	£287.47
SAVING:	£75.56
SILICA PRICE:	£211.91

£211.91 PRI 2097 + VAT = £249 INCLUDING VAT

24PIN FAST DOT MATRIX 300 CPS 80 COLUMN

- Citizen Swift 240/240C - 24 pin - 80 column
- 300cps SD (15cpi), 240 cps Draft, 80cps LQ
- 8K Printer Buffer - 40K maximum
- 9 LQ Fonts + 2 Scalable Fonts (8-40pts)
- Font Cartridge Slot for plug in 'style' fonts
- Parallel Interface
- Graphics Resolution: 360 x 360dpi
- Epson, IBM, NEC P20 & CEL Emulations
- Quarter Printing Facility
- Auto Set Facility Bi-directional Interface, Auto Emulation Detection
- Ultra Quiet Mode - 43dB(A)
- Colour Printing
  - Standard - Swift 240c,
  - Optional - Swift 240
- FREE Silica Printer Kit

CITIZEN
Swift 240C

SCOOP PURCHASE OVER £25 OFF PREVIOUS PRICES

STAR BUY

FREE! PRINTER KIT WORTH £57.58 SEE ABOVE

2 YEAR WARRANTY

FREE DELIVERY IN UK MAINLAND

SWIFT 240 MONO

RRP	£299.00
PRINTER KIT	£49.00
TOTAL VALUE:	£388.00
SAVING:	£235.66
SILICA PRICE:	£152.34

£152.34 PRI 2560 + VAT = £179 INCLUDING VAT

SWIFT 240c COLOUR

RRP	£359.00
PRINTER KIT	£49.00
TOTAL VALUE:	£408.00
SAVING:	£238.64
SILICA PRICE:	£169.36

£169.36 PRI 2571 + VAT = £199 INCLUDING VAT

THE SILICA SERVICE

SILICA 1978 1994 16 YEARS SERVICE TO YOU

Before you decide when to buy your new printer, we suggest you think very carefully about WHERE you buy it. Consider what it will be like a few months after you have made your purchase, when you may require additional peripherals and accessories or help and advice. And, will the company you buy from contact you with details of new products? At Silica, we ensure that you will have nothing to worry about. With our unrivalled experience and expertise, we can meet our customers' requirements with an understanding which is second to none. Complete and return the coupon now for our latest FREE literature and begin to experience the "Silica Service".

- **FREE OVERNIGHT DELIVERY:** On all hardware orders shipped in the UK mainland (there is a small charge for Saturday delivery).
- **TECHNICAL SUPPORT HELPLINE:** A team of technical experts will be at your service.
- **PRICE MATCH:** We match competitors on a "Same product - Same price" basis.
- **ESTABLISHED 16 YEARS:** We have a proven track record in professional computer sales.
- **PART OF A £50M A YEAR COMPANY:** With over 300 staff - We are solid, reliable and profitable.
- **BUSINESS + EDUCATION + GOVERNMENT:** Volume discounts are available. **Tel: 081-308 0888.**
- **SHOWROOMS:** We have demonstration facilities at all our stores.
- **THE FULL STOCK RANGE:** All of your computer requirements are available from one specialist supplier.
- **FREE CATALOGUES:** Will be mailed to you, with special reduced price offers, as well as details on all software and peripherals.
- **PAYMENT:** We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

SILICA

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

1-4 The Mews, Hatherley Road, Sidcup, Kent, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (3rd Floor), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), 46-50 St. David's Way	0222 399789
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (3rd Floor), Millbrook	0483 301300
HARROW	Debenhams - Open Sept '94, Station Road	081-427 4300
HULL	Debenhams - (2nd Floor), Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (3rd Floor), 334 Oxford St	071-493 3735
LONDON	Selfridges - (Basement Arena), 369 Oxford St	071-629 1234
LUTON	Debenhams - (1st Floor), Arndale Centre	0582 21201
MANCHESTER	Debenhams - (3rd Floor), Market Street	061-832 8666
PLYMOUTH	Debenhams - (3rd Floor), Royal Parade	0752 266666
SHEFFIELD	Debenhams (3rd Floor), The Moor	0742 768611
SHEFFIELD	Debenhams - Open Sept '94, Meadowhall Centre	0742 568555
SIDCUP	1-4 The Mews, Hatherley Road	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Keddies - (2nd Floor), High Street	0702 468039
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 860066

To: Silica, CMUSR-215-D, 1-4 The Mews, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND A BROCHURE ON THE CITIZEN RANGE

Mr/Mrs/Miss/Ms: .... Initials: ....

Surname: ....

Company (if applicable): ....

Address: ....

....

....

....

.... Postcode: ....

Tel (Home): ....

Tel (Work): ....

Which computer(s), if any, do you own?

.... 215D

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.

HELP IS AT HAND

John Kennedy is your guide to everything you ever wanted to know about the Amiga but were afraid to ask.

GENERAL QUESTIONS

Q. Can I switch off the power to my Amiga at any time?

A. No! You shouldn't switch off the power supply unit until the disk access light has gone out. This applies to both floppy drives and hard drives. Some games will keep the light on permanently – in this case wait for a couple of minutes to ensure the disk isn't being accessed and then remove the disk before switching off the power.

Always use the switch on the power supply unit, and switch it off at the mains when it is not in use.

Q. When playing games my Amiga doesn't seem to have any sound, why not?

A. The Amiga doesn't have any speakers built-in, instead there is a stereo sound output at the rear: just like with a hi-fi separate CD player. You can buy small battery powered speakers to connect here.

Some monitors come with speakers which you can take advantage of by linking the output of the Amiga to the audio inputs on the monitor. If you are using your Amiga with a Television set and RF output (or with an external modulator) the sound will come from the TV's speaker. If it doesn't, check the tuning and volume settings of the TV.

Q. What actual difference does using a computer monitor make?

A. A dedicated monitor will provide a much better display, it is generally crisper and sharper. If you have an A1200 or an A4000 and a particular type of monitor known as a multisync or dual scan, you'll be able to display quite a lot on screen at the same time.

Q. How do I program the Amiga? Is BASIC built in?

A. There is no language built into the Amiga. Instead, you will need to buy a package, such as *Blitz Basic*, AMOS or HiSoft BASIC.

KICKSTART

Q. What is Kickstart?

A. Each Amiga has a chip called a ROM (Read Only Memory) inside it. This chip contains information the Amiga needs to operate, part of this is called KickStart. Amiga 500s come with Kickstart 1.3 or 2.04, Amiga 600s have 2.04 or 2.05 and A1200s and A4000s have Kickstart 3.0. Kickstart 3.1 is now available as an upgrade to all these machines.

Q. Why don't some older games work on my A1200?

A. Some games use quirky routines in the older Kickstarts and can't work with Kickstart 3. The A1200 also has new graphics chips (called the AGA, or Advanced Graphics Architecture, chipset), and again some games won't work. A few games fail because of the faster processor in the A1200 which causes timing problems for the games.

If you can't get a game to work, you can try holding down both mouse buttons when you switch on and switching OFF the processor caches and selecting the original chipset from the menus that appear.

Sometimes a program such as *Degrader* (available from any Public Domain library) will also work.

Q. How can I change my Kickstart?

A. The best way to change Kickstart is to buy an official upgrade pack. You can get an upgrade to 2.04, and recently version 3.1 has become available.

To perform the upgrade you will need to replace the ROM inside the Amiga. This upgrade will probably be of most use to A500 and A2000 owners.

MEMORY QUERIES

Q. How can I add more memory?

A. The A500, A600 and A1200 have special trapdoor expansion slots. You can buy extra memory on cards which fit into these slots to increase memory.

The A600 and A1200 can also use PCMCIA memory cards, although these are both quite expensive and relatively slow.

The A2000 will require a memory expansion board, but the A3000 and A4000 can have memory fitted to the motherboard without an extra card.

Q. What is Chip Ram and Fast Ram?

A. Chip RAM is special memory used for sound samples and graphics, Fast RAM is normal high speed memory used for programs and program data.

Q. What's the PCMCIA credit card slot for?

A. The PCMCIA slot can be used to add memory, hard drives, CD-ROM interfaces and video digitisers to the A1200. The A600 also has a PCMCIA slot, but there are fewer peripherals for it – see page 99 of this issue for a review of Smart Stor – a PCMCIA peripheral.

DISK DRIVES

See our lead feature this month for more information on disk drives.

Q. Why do I need to load Workbench from disk?

A. For total flexibility the Amiga keeps most of its operating system on disk, and loads it in when needed. Although it can be very slow when used with a single floppy disk, it works extremely well with a hard disk drive.

Q. What is a hard disk drive?

A. A hard disk drive is an extremely large capacity disk (usually from 20Mb to 2,000Mb – a floppy disk holds less than 1Mb) which works extremely quickly.

Other than that, the hard drive acts like a huge floppy drive and can be used to store various items such as Workbench, Amiga programs, data and some games.

Q. How can I add a hard disk drive?

A. Adding a hard drive to an A500 requires a single clip-on unit that attaches to the expansion port on the left-hand side of the machine. These drives are usual make use of the SCSI standard. The A600 and A1200 have IDE interfaces built-in, and hard drives can be fitted internally. It's also possible to connect hard drives to these computers via the PCMCIA port. The A2000 requires an interface card and drive to be fitted internally. The A3000 has a SCSI interface built-in, and the A4000 has an IDE interface built-in.

Q. What is a CD-ROM drive?

A. A CD-ROM drive is like a disk drive which works with CD-ROM disks. A CD-ROM will hold about 600Mb of data.

ODDS AND SODS

Q. I have an A1200, where are the manuals?

A. The A1200 doesn't come with *AmigaDOS* or *Arexx* manuals. If you need them, you can either buy some third-party manuals (try Bruce Smith Books tel: 0923 894 355) or get the 3.1 Kickstart upgrade which includes manuals.

COMMS

Chief cybernaut John Kennedy serves up another volley of words on the global network that is Comms.

WIRED
WORLD

Summer is traditionally a lot slower in Comms land, as most sensible people refuse to pack a portable computer and a battery-powered modem in their suitcase as they nip off on holiday.

That said, there has still been plenty of news and gossip (mostly about CBM) floating around the networks and it would take a long, long time to sit down and read everything which has been posted in the FidoNet echoes or Newsnet comp.sys.amiga.* groups.

TRAPDOOR 1.85

No sooner does *TrapDoor 1.84* come along and get a plug in the September issue, when along comes *Trapdoor 1.85* to fix a few lurking bugs. This patch file (you need 1.84 in order to use it) is available from the Internet or most other BBSs in the country – including the CU AMIGA Information Vault.

TrapDoor is a mail packing program which is used in conjunction with a reader like *Spot* to read FidoNet mail and echoes off-line.

FIDO UPDATE

AMIGA_MAGS

ZZZzzz ... Cor blimey, everyone seems to be asleep in the Amiga_Mags echo. Mind you my net feed went down for a while so I might have been missing everything – I hope there weren't any more comments about my ears. Just a reminder that if your local BBS is part of the FidoNet system you should be able to access the Amiga_Mags messaging area. If you can't, ask the board's Sysop to get it for you – it's on the Fidonet Backbone which means it isn't hard for him to get hold of it on your behalf. When you gain access, it's your chance to discuss whatever you want about your favourite Amiga magazine, so don't be afraid to say hello.

PROSE&VERSE AND P&V DISC.

PROSE&VERSE is like an electronic poetry and prose (either factual or fictional) magazine where anyone can publish without the fear of being laughed at ... unless of course they read P&V_DISC where works posted in PROSE&VERSE are freely discussed and analysed.

The two echoes are already available from several systems and the moderator Matthew Revell (2:256/501.0) is waiting for information on backbone status. Matthew's board is the largest mail station in the North East of England – well worth investigating.

And there's more ... Other echoes worth hunting out include: CHESS (for playing games via electronic mail) and MOTORBIKES (lots of chat on leathers and chain lube – kinky stuff).

COMMS NEWS

Two excellent pieces of news for CU AMIGA readers this month. First of all, the CU AMIGA Information Vault is open. This is an area on a BBS which contains the various freely-distributable files which have mentioned in the magazine.

The primary vault is situated at the Heart of Gold BBS (tel: 0247 274919 – thanks to Sysop Colin Turner for donating the space) but other Sysops are more than welcome to mirror the site. Please contact Andy Leaning at the CU AMIGA office so we can keep a record of the Boards involved and publish their numbers.

If you are setting up your own BBS please jot down all the details and send the details to CU AMIGA , Priory Court, 30-32 Farringdon Lane, London EC1R 3AU or Email to us at CUAMIGA@cix.compulink.co.uk. Would the woman who phoned us about her son's BBS please contact us again. CU

PLUG CORNER

Here are some boards you might want to call:

Name	Modem number	Sysop	Comments
DARK SOLUTION	081 771 9100	Andrew Miller	Note new number!
GURU TEN	091 378 9934	Simon Cansick	General BBS
GURU TEN (2)	091 378 9935	Simon Cansick	Amiga/beer emphasis
THE MOTEL	0203 372005	Nigel Bates	Lots of Amiga stuff

Please note: CU AMIGA cannot be held responsible for any information, programs or data contained on the boards mentioned on this page. This information is not meant as a recommendation for any of the boards or their contents.

You can contact CU AMIGA's Wired World column through the Internet by using address: cuamiga@cix.compulink.co.uk. You can also reach use via the FidoNet echo AMIGA_MAGS. John Kennedy can be reached via johnk@infosys2.thegap.com.

SOUND LAB

YAMAHA QY8

Pocket-sized sequencing that actually fits in your pocket! Tony Horgan takes Yamaha's QY8 for a rail trip around Britain.

YAMAHA
SONG SELECT
STYLE
CHORD
REPEAT
OPTION
01Piano
100
VOLUME
TEMPO
MEASURE
001
120
EDIT/ENTER
UNDO
MUSIC SEQUENCER QY8

I really like the idea of making music any time, anywhere. Inspiration can strike when you're sitting on the train, or watching your Y-fronts go round at the launderette. By the time you get home, you've usually forgotten the potential masterpiece you'd just mentally composed. That's where Yamaha's QY8 comes in. Metaphorically speaking, it's been designed as a kind of pocket-sized bottle for your creative juices, if you like. You can pour all your ideas into it while they're fresh, put the top on, and open it up again when you get back home. Literally speaking, it's a portable sequencer and multi-timbral sound module rolled into one. The idea seems to have been to produce a cheaper version of the similar QY10 and QY20.

NO KEYBOARD

There's no keyboard! Considering this is a musical instrument, the lack of a keyboard is surprising, and also a little off-putting. However, it sits comfortably in both hands, and feels just like a Game Gear. All the parameters on the LCD screen are controlled by 12 rubber buttons. Notes are entered by moving a dot up and down a minuscule stave, and pressing Enter when you get to the right note. The stave display then automatically scrolls off your entered note to make way for the next. This is unless your are in chord mode, in which case you can enter all the notes of your chosen chord before moving on.

SING-ALONG-A-STYLE

The composition process is based around preset styles and accompaniments. Yamaha envisage QY8 users selecting a style (dance, rock, rhumba etc), and then building on this to create their own tracks. This is fine if you don't mind your ideas being coloured by the predictably naff auto-accompaniments, but it's not much good if you want to write some basic tunes from scratch. However, you can mute the four backing tracks, or select a 'blank' style, leaving you to compose with the remaining four. You'd be onto a winner if you wanted to go busking on Blackpool seafront.

SOUND QUALITY

AWM samples are used for all the instruments. AWM (Advanced Waveform Memory) is Yamaha's 16-bit sound generation system that's used in their PSS series of home keyboards. There are no effects, no filters, and no oscillators to mess around with. Even so, the sounds themselves are clean, and cover the main areas (drums, bass, chords, lead, guitars and brass). The drum kit is surprisingly good, with solid kicks, and quite a selection of percussion sounds, including a few TR-808-style noises. It's hard to believe they're all coming out of something this small!

The MIDI ports at the back allow you to hook up the QY8 to an external sequencer or MIDI keyboard. This way, you can play up to 8 of the QY8's sounds at once, without having to use the extremely awkward built-in sequencer. Four of the sounds are dictated by those used by selected style – you get to choose the other four yourself. You can also use a MIDI keyboard to enter notes when using the built-in sequencer.

FIDDLY SEQUENCER

There's stacks of potential in this little box, but it's locked away behind one of the most finicky sequencers ever devised. The stave section of the screen can only show one note or chord at a time. Once you enter a note, it's scrolled out of sight to make way for the next, so you never get a visual representation of the melody. To make matters worse, the stave can only show two octaves, so when you move above or below the current octaves, the note cursor jumps back up the display, which is now representing higher or lower octaves. This is all very confusing.

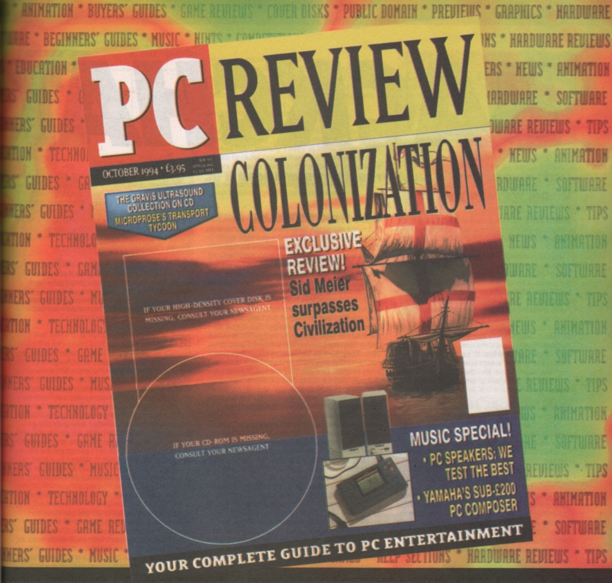
Trying to program a drum beat is hell. The note cursor moves to notes that are in the specified key signature, but the drum sounds are spread right across the range of notes. This means that to enter certain drum sounds, you need to find the note next to the one you want, and then go and change it to a flat or sharp. If you want to enter more of the same sound (a high hat line for example), you have to repeat the process each time (although you can copy and paste sections to save time). Also, there's no indicator that tells which note you are on, so if you're not au-fait with sheet music, you can spend ages just trying to find the right sound, and then have to go back and delete all the wrong entries you had to make to try out all the sounds along the way. The sequencer has a list of frustrating features and omissions as long as your arm. A bit of a joke really, when it's supposed to be a spontaneous composition tool.

CONCLUSION

The QY8 is very nearly a brilliant little music box. What it needs is a mini keyboard, realtime note entry, and a basic sequencer that's easy to use. Removing the keyboard (from the original QY10) will have kept costs down, but it's had a devastating effect on the usability. If the guts of the machine weren't up to much, it wouldn't be much of a loss, but it's really a very powerful unit, considering its size and price. How about a revised musician-friendly QY8 Mk 2? CU

QY8 SPECIFICATIONS

Price:	£225
Stereo sound:	mini-jack socket
Pitched voices:	40
Drum sounds:	51
Polyphony:	28 notes
Multitimbral:	8/16 parts
MIDI connections:	MIDI In & MIDI Out.
Power:	6 AA batteries or 11.5 V mains
Dimensions:	188 x 104 x 33.5 mm


PC REVIEW
OCTOBER 1994 · £3.95
THE GRAVIS ULTRASOUND COLLECTION ON CD
MICROPROSE'S TRANSPORT TYCOON
COLONIZATION
EXCLUSIVE REVIEW! Sid Meier surpasses Civilization
IF YOUR HIGH-DENSITY COVER DISK IS MISSING, CONSULT YOUR NEWSAGENT
IF YOUR CD-ROM IS MISSING, CONSULT YOUR NEWSAGENT
MUSIC SPECIAL!
• PC SPEAKERS: WE TEST THE BEST
• YAMAHA'S SUB-£200 PC COMPOSER
YOUR COMPLETE GUIDE TO PC ENTERTAINMENT
ANIMATION * BUYERS' GUIDES * GAME REVIEWS * COVER DISKS * PUBLIC DOMAIN * PREVIEWS * GRAPHICS * HARDWARE
BEGINNERS' GUIDES * MUSIC * HINTS * COMPETITIONS * HARDWARE REVIEWS
EDUCATION * NEWS * ANIMATION
SOFTWARE * TIPS * TECHNOLOGY

IN THE OCTOBER ISSUE OF PC REVIEW...

Sid Meier's Colonization

's been a long time but the follow-up to Civilization is HERE, and it's reviewed NLY in PC Review!

PLUS

- Why buy a new PC when you can rent? It could work out more cheaply - we xplain how.
- The future of sound: we look behind the scenes at Creative Technology, the eople behind the Sound Blaster.
- Give your sound card the speakers it deserves - four sets of speakers reviewed d rated in our definitive test.
- Who owns who? How the PC games publishers are slowly but surely becoming part of Hollywood - a special PC Review investigation.
- Be the first to play MicroProse's Transport Tycoon, with PC Review's special cover disk extract.
- All this and a free CD-ROM on the cover, too. This must be PC heaven!

PC Review October 1994
In the shops on September 15th
Reserve your copy NOW!

PC REVIEW

BACKCHAT

Don't give us any lip. Just write it down and send it in. Go on, we dare you.

AMOS?

I was pleasantly surprised when I tried to save CU AMIGA's July coverdisk game: *Valhalla And The Lord Of Infinity*, Why? Because when I did so an AMOS requester popped up on the screen, saying that the disk was write protected. Gosh, was I surprised! Not because the disk was write protected, but because the program was written in AMOS! Or am I wrong? If I'm not wrong, then this must be the best program ever written in AMOS.

Anders Bakkwold, Haugesund, Norway.

You're not wrong Anders, *Valhalla And The Lord Of Infinity* was actually written in *AMOS Professional* in almost no time at all. You're also right in pointing out that it is easily the best game ever written in said language. The mere fact that most people just didn't spot that it was an AMOS game says it all when it comes to the ingenious design.

COMMODORE NICE?

Having read so much about Amiga owners' complaints concerning Commodore UK Ltd's customer service, I felt I had to put the record straight and relate my experience to you and your readers.

I purchased an A1200 last December and only recently I had a problem with the supplied software; Workbench 3.0 and *DPaint* 'Art 1' disks. A telephone call to Commodore's customer services resulted in prepaid address labels arriving the very next morning and just seven days the replacement disks arrived. Commodore not only replaced the faulty disks but the entire *DPaint* and Workbench set. I think you will agree that this is very good service and should receive recognition as such through your columns. Keep up the good work.

Peter Harrison, St Leonards On Sea.

Well readers, has anyone else had similar good vibrations from Maidenhead? It just goes to show that even a big company like Commodore values its customers.

USA FIGHTING BACK

Is it me or are all the other console, PC companies and users ganging up on the Amiga? How much longer is it before these people realise that the Amiga is here to stay alongside their machines. They boast about how great their machines are and how it has this and that, and then they rubbish the Amiga saying: "oh the Amiga is crap, it's so slow no-one uses it". Well, think again.

I'm not denying that there are more powerful machines out there. But why can't they just stick to their machine and be happy? If a computer does what you want and you're happy, then that is all there is to it. Who cares if my Amiga 500 is not as fast or has less colours than a SEGA Saturn or 3DO. They must be so insecure about their own machines that they have to slam Amiga users at every chance. Perhaps they are actually jealous.

Look, they can keep their CD-ROM, DSP chip, Fractal, light sourced, blah blah blah. Their games just don't cut it for me. I've played games on many machines and the majority of Amiga games are usually superior in playability. The only decent games on other formats that aren't Amiga conversions are *Aladdin* and *Streets Of Rage 2*. The Amiga programmers are just about exhausting its capabilities, hence the recent standard of excellent games being released. The new releases on other formats, however, are just the some old ideas with flashier presentations.

There is an advert for a PC magazine that says the PC is the greatest games machine ever. KKKEEERRRAAAPPPP! The machine can't scroll for peanuts (the Commodore 64 leaves it for dead for Pete's sake). *Soundblaster* is nowhere near as good as the Amiga's sound (forget specifications, just listen to both of them) and *Sensible Soccer* on the PC just didn't match up to the Amiga version. And, isn't it interesting that Sensible Software always develop their games first on the Amiga.

Tell me PC owners, which machine is used to do the graphics for *Babylon 5* or *SeaQuest*? Which computers are TV networks using to produce promos and graphics on? Which machine has the best operating system? Poor PC, all those specs but nowhere to go, such a boring machine. Look, console and PC owners enjoy your machine but just don't rubbish Amiga owners. The Amiga is my favourite machine. So kindly shut up or else we will get nasty and tease you with a copy of *Sensi Soccer*, *Goal!* or perhaps *Workbench*!

Wayne Psaila, Kilburn, SA.

Strong words indeed, But there will always be rivalry between machines when it comes to magazines, something that I personally have always found a little sad. Your advice is spot on – be happy with your own machine. If it does the job you wanted it to do, then what's the problem? Stick with the Amiga mate!

SLAP HEAD

I am 40, fighting a losing battle against being a slap head, and have a 50% share of an Amiga 1200 with my 10-year-old daughter. I was one of the few souls who purchased an MSX computer and have lived long enough to witness a program load by cassette, so as you can imagine working with the A1200 is like comparing a Trabant to an F1 Racer.

Now, apart from being lost at the endless applications available to the Amiga as well as being computer illiterate I have come across a major problem. To wit, I have tried to follow the *Arexx* tutorial in CU AMIGA every month but I cannot get the following characters to type out: "". When I try it turns to an @ and a small star: *. Is there any hope for me at all? Be gentle with me. Nice and slow – no fancy computer speak.

Ed McCann, Belfast.

Your problem is a fairly simple but common one. Because the Amiga is sold all over the world the operating system (Workbench) has been designed to work with keyboards from all over the world. Unfortunately, it is preconfigured for American keyboards which are subtly different to UK versions, ie some of the keys are in different places. The perfect example of this is that when you press the key that has the "" characters on it it thinks you are pressing the

TEAM TALK

Everyone needs companionship. Some people have pets but Andy Leaning? No. Our Andy's different (and richer according to this version of events) ...

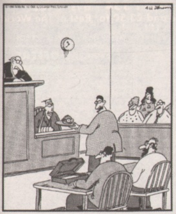
ALAN DYKES

I couldn't help noticing that there was something strange about Andy that day. He didn't have his usual devil-may-care attitude and there wasn't a single egg sandwich in sight. He also hadn't made his usual early morning comments about monitors, the Internet or 3D modelling, in fact he didn't say anything at all ...

LISA COLLINS

I was too busy with my torture implements to notice anything at first but on reflection Andy's face was definitely redder than usual. Then I thought: "that's odd, he looks as though he's just about to explode" but being a conscientious sort of person I busied myself with the hammer once again. All was quiet, when suddenly, out of the loo ...

THE FAR SIDE By GARY LARSON



"So, Professor Sadowsky, you're saying that your fellow researcher, Professor Lazzell, knowing full well that baboons consider eye contact to be threatening, handed you this hat on that fateful day you emerged from your Serengeti campsite."

key that has the @ symbol on it because that's what the American keyboard has on this key

Getting around this is very easy. In your Preferences drawer double click on the 'Input' icon. This will allow you to change the keyboard type from US to British (right-hand side of the requester). Having clicked on the British option click on the save button at the bottom of the requester and reboot your Amiga. You should now be able access those keys you've been missing. The * character is produced by holding down the shift key and pressing key 8 along the top row.

F1 FRENZY

Like many people, I suspect, I find *Formula One Grand Prix* way too easy. However, it is possible to make the game a bit harder by speeding up the cars with the help of the PD program *Newzap*. On the *F1GP* number two disk there is a program called 'f1gp'. This is the main program. Using *Newzap*, find block 940 of this program.

The information controlling the cars' performances is at cursor position 140. Each team's speed is represented by two bytes. All you have to do is increase these numbers and bingo – the cars are much faster. There is a limit to how fast the cars can go before they slow down again, but even an increase of 40–50% should make the cars' lap times give you a good run for your money.

The data regarding the driver's racing and qualifying skills is at cursor positions 168 and 190. By lowering these numbers you increase the drivers' ability or make them all FF and watch the drivers spin off at every corner.

Robert Newman, Wolverhampton.

What, THE Rob (or Bob) Newman. The funny one? Personally, I never expected one of the blokes from History Today to know so much about hacking into games, but there you are. There is also a piece of PD software that allows you to edit the game from a simple front end, rather than going through a whole series of meaningless figures with a disassembler.

TEAM 17 REPLY

In response to your letter from Alan Heywood (Letters, September CU AMIGA 1994), sure, we would be the first to admit that disk accessing using an Overdrive on the Amiga leaves a lot to be desired, but if Alan had studied your review before purchasing that game, he would have been forewarned about this. Also, as you stated in your reply, we are resolute in our support for the Amiga. Martyn (Creative Director) and myself both have Amigas on our desks, and we do much of our work on them.

Alan seems to be a little obsessed with Team 17's actions in the PC market while ignoring the fact that some other much-championed ex-Amiga developers have totally abandoned our great machine in favour of other platforms. Our Media Manager, Alan Bunker, protested strongly when the PC magazine Mr. Heywood referred to implied that we were reducing our commitment to the Amiga. That simply isn't true. Wait until you see what we've in store for the Amiga in 1995! Whilst we 'sponsor' that [*PC Home*] page by giving our games as letters prizes, we have no control or prior approval on its editorial content.

On the subject of HD installability and Team 17, games like *Alien Breed 2* and *Body Blows AGA* were both HD installable. *Tower Assault* and *Super Stardust* will be too. This has only become feasible with the A1200. Making a game HD installable involves using the operating system, which takes memory. Since most of our game are technically demanding on the machine, making the games HD installable on machines with less than 2Mb would involve making compromises in the gameplay, which we are not prepared to do!

Marcus Dyson, Development Co-ordinator, Team 17.

And there you go. Straight from the, er, horse's mouth. Team 17's origins lie in Amiga development and they are proud of the fact that they are still supporting the machine. Most companies need to evolve to survive, and this means producing games for more than one platform.

LETTER OF THE MONTH

AN AUSSIE SPEAKS

What is happening? The Amiga is out for the count in Australia. I mean look at it. Commodore Australia was liquidated earlier this year, and it looks like others will follow. On top of this, there have been rumours everywhere about Samsung taking over the whole show. Is the UK the last stronghold for the Amiga? I wish Samsung (or whoever) is taking over Commodore International, would hurry up. The longer it takes, the worse it will be for the Amiga. I predict that it will take a lot for the new owners of Commodore to get the Amiga back on its feet again. Even if we are optimistic and say that the Amiga will live, in Australia it won't be any good because you probably won't be able to buy much software (let alone games). You see, they're bringing in a new law to classify all computer games. For every game title that is imported, there will be a fee – this makes only the biggest-selling games worthwhile importing. If the Amiga makes it through, will I as an Amiga owner living in NSW have to order games from the UK? It's not a nice predicament.

In hindsight, you can point the finger for the demise of the Amiga at two main causes: Commodore themselves (for marketing bungles); and all those horrible software pirates out there – for not only making games more expensive but helping to discourage would-be Amiga developers (eg, the Australian team SSG, who are not making an Amiga version of Warlords II, surely the coolest strategy game ever).

In summing up, I purchased an Amiga 1200 with a 200Mb hard drive three months ago (and being a poor student, that was a big investment), If the Amiga goes down for good, will my hard disk always be only one third full? (No, I don't want to fill it up with pictures and Protracker modules, besides, I have already got enough.) I sincerely hope that I (and everyone else) will be able to go out and buy a Christmas hit for my Amiga this year. In other words, Commodore may be dead, but the Amiga (let's hope) is not dead and will make a big comeback worldwide.

Harley Kingston, NSW, Australia

This is just one of the letters we are currently receiving from all over the world from concerned Amiga owners. It's quite disconcerting to hear of the import tax levied on computer games in Australia, as I have always felt that Oz is a largely untapped wealth of programmers and artists, (eg Acid Software). Hopefully, very soon, soon this whole mess will be cleared up. Check out the news this issue for the latest developments.

TONY DILLON

It was a tough day. I had spent the entire night before out with at least three international heavy metal rock stars including, I believe, Alice Cooper, who lent me the taxi fair home. I was on my way up the road to the office with Claudia Scheiffer draped on my right arm and Elle McPherson on my left when I caught the, er, smell ...

TONY HORGAN

"Cor", I thought, in my chirpy Middlesex manner, "smells like someone's doing a top fry up on our floor [of EMAP Towers], but wait! No! It actually smells like barbecued car tyres and, yes – eggs! What could it be?" I took the headphones out of my earholes and heard nothing. A spooky silence had engulfed the home of CU AMIGA ...

JOHN KENNEDY

I had never seen anything like it, the whole office was covered in a sort of yellowish-white slime and there, in the middle of it all was Andy, smiling, with tears rolling down his cheeks and a big hole in the butt of his trousers. "Here Simmy," he said and made crooning noises in the direction of the darkest corner of the room.

ANDY LEANING

What a load of old fuss over nothing. How was I supposed to know it would happen like that? Anyway I'm about to become world famous and the rest of them can go to hell. Why did they think I was eating all those egg sandwiches for anyway? Why? Because I've just invented and given birth to an organic RAM chip. I'm rich! Ha ha!

Premier Mail Order

Please send cheque/PO's (made out to Premier Mail Order), or advise Visa/Mastercard number and expiry date to: :
Dept CU 24, 9-10 The Capricorn Centre Cranes Farm Rd Basildon, Essex SS14 3JJ Tel: 0268 271172 *Fax: 0268 271173*
Telephone Orders: Mon-Fri 9am-7pm and Sat & Sun 10am-4pm **We Are Open 364 Days a Year**
P&P and VAT is included for all UK orders. Please add £2 P&P for Europe and £3.50 for Rest of The World
Next day delivery service available £4 per item UK only.
MOST TITLES ARE DESPATCHED SAME DAY, BUT CAN TAKE UP TO 28 DAYS Some Titles may not be released at the time of going to Press E&OE

A320 Airbus (USA)		22.99
A320 Airbus(EUROPA)		22.99
A320 Approach Trainer		19.99
Arcade Pool	CD32	12.99
Air Bucks 1.2		12.99
Akira		18.99
Akira	CD32	19.99
ALADDIN	**A1200**	**19.99**
Alfred Chicken	A500/A1200/CD32	17.99
Alien Breed 2	A1200	19.99
Alien Breed Special Edition		10.99
ALIEN BREED 2 TOWER ASSAULT	**CD32**	**19.99**
All Terrain Racer		17.99
All Terrain Racer	A1200/CD32	19.99
Ambermoon		19.99
Amberstar		19.99
Another World		12.99
Apidya		8.99
Apocalypse		17.99
Arabian Knights	A1200	19.99
Arabian Knights	CD32	12.99
Arcade Pool		8.99
Armourgeddon 2		19.99
A Train		12.99
B17 Flying Fortress (1 Meg)		22.99
Banshee	A500/A1200	17.99
BANSHEE	**CD32**	**19.99**
Barbarian		16.99
Battlechess	CD32	19.99
Battle Isle '93		17.99
Batman Returns		16.99
Beast Lord		17.99
Beavers	CD32	17.99
BENEATH A STEEL SKY		**20.99**
Beneath A Steel Sky	CD32	19.99
Benefactor		17.99
Big Sea		19.99
Blastar		17.99
Body Blows	A1200	12.99
Body Blows galactic		18.99
Body Blows/Superfrog/Overdrive		19.99
Body Blows Galactic	A1200	19.99
Breach 3		22.99
Bubba N Stix	A500 or CD32	19.99
Bubble & Squeak	CD32	19.99
BUMP N BURN		**22.99**
BURNTIME		**17.99**
CANNON FODDER		**20.99**
CANNON FODDER	**CD32**	**19.99**
Captain Dynamo	CD32	12.99
Cartoon Collection (Dizzy)		16.99
Caeser/Cohort 2	CD32	22.99
Caeser Deluxe		12.99
CHAMPIONSHIP MANAGER.END OF SEASON DATADISK		**12.99**
CHAMPIONSHIP MANAGER 94 SEASON DISK		**7.99**
Championship Manager Italia		16.99
CHAMPIONSHIP MANAGER '95		**12.99**
Chaos Engine	A1200	17.99
Chaos Engine	CD32	19.99
Chuck Rock 2	CD32	19.99
Claws		17.99
Clockwiser		10.99
CLUB FOOTBALL		**16.99**
Cohort 2		19.99
Combat Air Patrol		9.99
Combat Classics 2		19.99
Cosmic Spacehead		17.99
Crash Dummies		17.99
Cruise For A Corpse		12.99
Curse of Enchantia		22.99
Cyberspace		22.99
Cybercon3		10.99
D Day - Beginning of The End		22.99
D DAY - OVERLORD		**22.99**
Dangerous Streets	A500 or A1200	17.99
Darkmere		20.99
Detroit	A500/A1200	22.99
Demomaniac		17.99
Deluxe Paint 4 AGA		64.99
Deep Core	CD32	19.99
Dizzy CD Pack	CD32	16.99
Dizzy's Enchanted Worlds	CD32	12.99
Dogfight		22.99
Dragonstone	A1200/CD32	22.99
DREAMWEB		**22.99**
Dune		12.99
Dune 2		20.99
Dungeon Master 2		22.99
Dynablaster		19.99
Elite 2 (Frontier)	A500 or CD32	19.99
EMPIRE SOCCER '94		**19.99**
Exile	A500/CD32	19.99
Extractors	CD32	26.99
European Championship Football	CD32	19.99
Excellent Games		22.99
Exile	CD32	19.99
Eye of The Beholder 1or 2		12.99
F29		10.99
F17 Challenge/Project X	CD32	17.99
F19 Stealth Fighter		11.99
F117A Nighthawk Stealthfighter		22.99
Fields Of Glory	A500/A1200	22.99
FIFA SOCCER		**19.99**
Fire Force	CD32	19.99
First Samurai		8.99
Flash Back		26.99
Flight Simulator 2		22.99
Flight Sim 2 Great Britain Scenery		26.99
Flight Sim 2 Japan Scenery		13.99
Flight Sim 2 Hawaiian Scenery		13.99
Flight Sim 2 USA No 7 Washington Scenery		13.99
Flight Sim 2 USA No 9 Chicago Scenery		13.99
Flight Sim 2 USA No 11 Detroit Scenery		13.99
Flight Sim 2 USA No 12 New York Scenery		13.99
Flight Sim 2 Western European Tour		13.99
Fight S 2 Scenery Collection A		26.99
Flight S 2 Scenery Collection B		26.99
Formula One Grand Prix		22.99
G2		17.99
Genesia		19.99
Genesis	CD32	19.99
Global Domination		26.99
Goal		10.99
Gobliins 3		22.99
Graham Gooch Second Innings		11.99
Graham Goock - Test Match Special		19.99
Graham Gooch World Class Cricket		19.99
Graham Taylors Soccer Challenge		8.99
Grusome		16.99
Guardian	CD32	19.99
Gulp	CD32	19.99
GUNSHIP 2000	**CD32**	**19.99**
Gunship 2000 (1 Meg)	A500/A1200	22.99
Hanna Barbera Animation		29.99
Hannibal		19.99
Harpoon 1.21		12.99
Heimdall 2	A500/A1200/CD32	22.99
Heroquest 2- Legacy Of Sorasil		17.99
Hill Street Blues		8.99
Hired Guns		10.99
History Line 1914-18		22.99
Impossible Mission 2025	A500/A1200/CD32	19.99
Indiana Jones - Last Crusade		14.99
Indy Jones - Atlantis Adv (1 Meg)		24.99
Indiana Jones Fate of Atlantis Action		8.99
Innocent Until Caught		10.99
Inferno	CD32	19.99
INTERNATIONAL MANAGER - WORLD CUP EDITION		**17.99**
International Open Golf	CD32	19.99
International Open Golf Championship		17.99
International Sensible Soccer	CD32	16.99
Ishar 3	A1200	26.99
Ishar 3		22.99
Jack The Ripper		27.99
James Pond 3	A1200/CD32	17.99
Jaguar XJ220		8.99
Jet Strike	CD32	17.99
Jimmy White's Snooker		12.99
John Barnes European Football		8.99
JUNGLE BOOK	**A1200**	**19.99**
Jurassic Park	A1200	18.99
K240 :Utopia 2(Non AGA)	A500/CD32	19.99
Keys of Maramon		16.99
KICK OFF 3	**CD32**	**19.99**
KICK OFF 3		**19.99**
Kid Chaos	A1200/CD32	19.99
Kid Chaos		17.99
Kingmaker		22.99
Kings table		19.99
KING PIN	**A500/A1200**	**8.99**
KING PIN	**CD32**	**12.99**
Kings Quest 1		12.99
Kings Quest 2 or 3		10.99
Kings Quest 6	A500/A1200	22.99
KNIGHTS OF THE SKY (1 MEG)		**10.99**
Laser Squad		8.99
Legends of Valour		24.99
Leisure Suit Larry 1 for 2		12.99
Leisure Suit Larry 3		13.99
LEMMINGS 1	**CD32**	**19.99**
LINKS- THE CHALLENGE OF GOLF		**12.99**
Lionheart	CD32	14.99
Litil Divil	CD32	19.99
Lords of Power		22.99
Lords of The Realm		22.99
LOST EDEN	**CD32**	**22.99**
Lost Vikings	CD32	19.99
Lotus Turbo Trilogy	CD32	22.99
Lure of The Temptress		12.99
Magician's Castle		19.99
Manchester United Premier League Champions	A500/CD32	19.99
Manhunter "New York"		12.99
Master Axe	A500/A600/A1200	17.99
Master Axe	CD32	19.99
Mavis Beacon 2		19.99
Messengers of Doom		19.99
Microcosm	CD32	29.99
Micro Machines		17.99
Mighty Max	A600 /A1200/CD32	17.99
Monopoly		18.99
Mortal Kombat		20.99
Nick Faldo's Golf	CD32	22.99
Nigel Mansell World Champ	A500/CD32	19.99
No Second Prize	A500/CD32	14.99
ON THE BALL - WORLD CUP EDITION		**19.99**
ON THE BALL - WORLD CUP EDITION	**A1200**	**22.99**
ON THE BALL - LEAGUE EDITION		**19.99**
ON THE BALL - LEAGUE EDITION	**A1200**	**22.99**
Operation Stealth		11.99
Perihelion		19.99
PGA Tour Golf		12.99
PINBALL DREAMS + FANTASIES		**22.99**
Pinball Fantasies	A1200	19.99
Pinball Fantasies	CD32	24.99
Pinball Magic		6.99
Pinkie	A500 or A1200	17.99
Pirates Gold	CD32	19.99
Planet Football	A1200/CD32	22.99
Police Quest 1 or 2 or 3		12.99
Populous 2		12.99
Powermonger& Data Disk		12.99
Premiere	CD32	12.99
PREMIER MANAGER 2		**12.99**
Prince Of Persia		6.99
Project X		10.99
Project x/F17 Challenge	CD32	17.99
Pro Tennis Tour 2- Jimmy Connors Great Courts 2		8.99
Qwak/Alien Breed	CD32	17.99
Quest For Glory 1		12.99
Quest For Glory 2		13.99
RailRoad Tycoon		8.99
Reach for the Skies		22.99
Reunion	A500/A600/A1200	22.99
Rings Of Medusa Gold		19.99
RISE OF THE ROBOTS	**A500**	**25.99**
RISE OF THE ROBOTS	**A1200**	**27.99**
Rise Of The Robots	CD32	22.99
Robinson's Requim		22.99
Rookies		17.99
Rugby League Coach		19.99
Rules of Engagement 2		22.99
Ruff'N' Tumble		17.99
Ryder Cup	CD32	20.99
Ryder Cup	A1200/A500	17.99
Sabre Team (enhanced)	A1200/CD32	20.99
Second Samurai	A500/A1200/CD32	19.99
SECRET OF MONKEY ISLAND (1 MEG)		**12.99**
Secret of Monkey Island 2		24.99
Sensible Soccer	CD32	19.99
Sensible Soccer International	CD32	16.99
Sensible World Of Soccer		19.99
SENSIBLE SOCCER INTERNATIONAL EDITION		**13.99**
SETTLERS		**19.99**
Shadow Lands		8.99
SIERRA SOCCER		**16.99**
Silent Service 2		12.99
SIM CITY 2000		**22.99**
SIM CITY CLASSIC		**17.99**
Sim City Deluxe		19.99
Sim City Lemmings		19.99
Sim City Populous		19.99
Sim Life	A500/CD32	22.99
Simon The Sorceror	A500/CD32	22.99
Simon The Sorceror	A1200	29.99
Simon The Sorceror	CD32	26.99
Skeleton Krew	A1200/CD32	22.99
Skidmarks		17.99
Skidmarks	CD32	17.99
Soccer Kid	CD32	19.99
Soccer Team Manager		10.99
Soup Trek (The Search For Stock)		19.99
Space Quest 1		12.99
Space Quest 2		10.99
Space Quest 3		14.99
Space Hulk		22.99
SPACE LEGENDS		**19.99**
Speedball 2		8.99
STARLORD		**22.99**
Star Trek	A1200	22.99
Street Fighter 2		12.99
Striker		8.99
Striker	CD32	19.99
S.U.B.		19.99
Superfrog	CD32	12.99
Super League Manager		22.99
Super Loop 2	A1200	17.99
Super Loop	CD32	19.99
Super Stardust	A1200/CD32	19.99
Supremacy		10.99
Surf Ninjas	CD32	19.99
Syndicate		22.99
Tactical Manager- English or Scottish or Italian		19.99
Test Match Cricket		16.99
Tetris		16.99
TEAM 17 COLLECTION VOL 1		**19.99**
T.F.X.	A1200	26.99
The Blue & The Grey		22.99
THE GREATEST		**21.99**
Their Finest Hour		12.99
THEME PARK	**A1200 OR A500**	**22.99**
TOM LANDRY STRATEGY DELUXE	**A400/A600/A1200**	**19.99**
Tornado	A500/CD32	22.99
Top Gear 2	A1200	17.99
Tornado	A1200	26.99
Tower Assault	A500/A1200	13.99
Tracon 2		22.99
Traps N Treasures		17.99
Trolls	A500 or A1200	9.99
Trivial Pursuit Deluxe	CD32	19.99
Trolls	CD32	19.99
Turbo Trax		17.99
Turrican 3	A500/CD32	17.99
U.F.O.	A1200	22.99
UFO	CD32	19.99
U96		22.99
ULTIMATE BODY BLOWS	**CD32**	**19.99**
ULTIMATE PINBALL QUEST		**19.99**
Uncovered		17.99
UNIVERSE	**A500/CD32**	**22.99**
Utopia 2	A500/CD32	19.99
Valhalla- lord of infinity		19.99
Vital Light	A500/A600/A1200	19.99
Vikings		9.99
WEMBLEY INTERNATIONAL SOCCER	**CD32**	**19.99**
WEMBLEY INTERNATIONAL SOCCER	**A1200**	**17.99**
Wembley Rugby League	A500 or A1200	17.99
Wild Cup Soccer	A500/A1200	17.99
Wild Cup Soccer	CD32	19.99
Winter Gold		12.99
WORLD CUP USA 1994		**17.99**
WORLD CUP YEAR '94		**19.99**
Zee Wolf		19.99
Zool	CD32	19.99
Zool 2	CD32	19.99
Zool 2	A1200	17.99

COMPILATIONS

WORLD CUP YEAR 93/94
Sensible Soccer,
Championship Manager '93,
Striker, Goal
£19.99

LORDS OF POWER
Silent Service 2, Red Baron,
Railroad Tycoon, Perfect
General
£22.99

CARTOON COLLECTION DIZZY
Dizzy Island, CJ's Elephant
Antics, Slightly Magic, Spike In
Transylvania, Seymour In
Hollywood
£16.99

DIZZY COLLECTION
Fast Food, Kwix Snax,
Fantasy World Dizzy, Treasure
Is. Dizzy, Magicland Dizzy
£16.99

DIZZY'S EXCELLENT ADVENTURES
Dizzy Panic,
Bubble Dizzy, Dizzy-Prince of
York Folk, Spellbound
Dizzy ,Kwik Snax
£16.99

AWARD WINNERS 2
Sensible Soccer, Zool,Jimmy
Whites,Elite1
£19.99

TEAM 17 VOL 1
Body Blows, Superfrog,
Overdrive
£19.99

SPACE LEGENDS
Wing Commander, Elite,
Mega traveller 1
£19.99

COMBAT CLASSICS 2
F19 Stealthfighter,
Silent Service 2,
Pacific Islands
£19.99

EXCELLENT GAMES
ARCHER MACLEAN'S POOL,
JAMES POND 2,
SHUTTLE, POPULOUS 2
£22.99

THE GREATEST-
Jimmy White's Snooker,
Lure of The Temptress, Dune
£21.99

SPECIAL OFFERS

Alien Breed 2		12.99
Arabian Knights	A500/CD32	9.99
Body Blows		12.99
Brutal Football		10.99
Civilisation	A1200	17.99
Championship Manager '93		12.99
Chaos Engine		9.99
Cool World		8.99
Dizzy Panic		6.99
Jack Nicklaus Unlimited golf		12.99
Jack Nicklaus Course Designers Clip art Vol 1		7.99
John Barnes	CD32	9.99
Lemmings 2 the Tribes		12.99
Lotus Trilogy		12.99
Nick Faldo's Golf		12.99
N Mansell World Champ	A1200	12.99
Premier Manager 2		7.99
Sabre Team		8.99
Sensible Soccer 92/93		12.99
Shadow Worlds		9.99
Soccer Kid	A500/A1200	9.99
Super Tetris		12.99
Thunderstrike		5.99
Utopia + New Worlds		12.99
Wing Commander		9.99
Zool		8.99
Zool 2	A500/A1200	10.99

EDUCATIONAL

ADI English (All Ages)	17.99
ADI French (All Ages)	17.99
ADI Maths (All Ages)	17.99
ADI GCSE Maths-English or French	22.99
Better Spelling (8-10)	13.99
Better Maths (12-16)	13.99
Cave Maze (8-12)	10.99
Fraction Goblins (8-13)	10.99
Fun School 2 (U6) or(6-8) or (8+)	6.99
Fun School 4 (U5) or (5-7) or (7-11)	16.99
Fun School Paint + Create (over 5+)	17.99
Fun School Spelling Fair (7-13)	17.99
Junior Typist (5-10)	10.99
Magic Maths (4-5)	13.99
Maths Dragons (6-13)	10.99
Maths Mania (8-12)	13.99
Merlin Maths (7-11)	17.99
Mickey's 123's (2-5)	13.99
Mickey's ABC's (2-5)	13.99
Noddy's Big Adventure	16.99
Noddy's Play Time (3+)	16.99
Picture Fractions (7-10)	10.99
Playschool (3-8)	9.99
Reasoning with Trolls (5-12)	10.99
Tidy The House (6-10)	9.99

JUNIOR ADVENTURE

Robin Hood (8 +)	13.99
Scrooge (A Christmas Carol) (8+)	13.99
The Three Bears (5-10)	13.99
Thomas The Tank Engine	6.99
Wind in The Willows (6+)	13.99
Wizard Of Oz	13.99

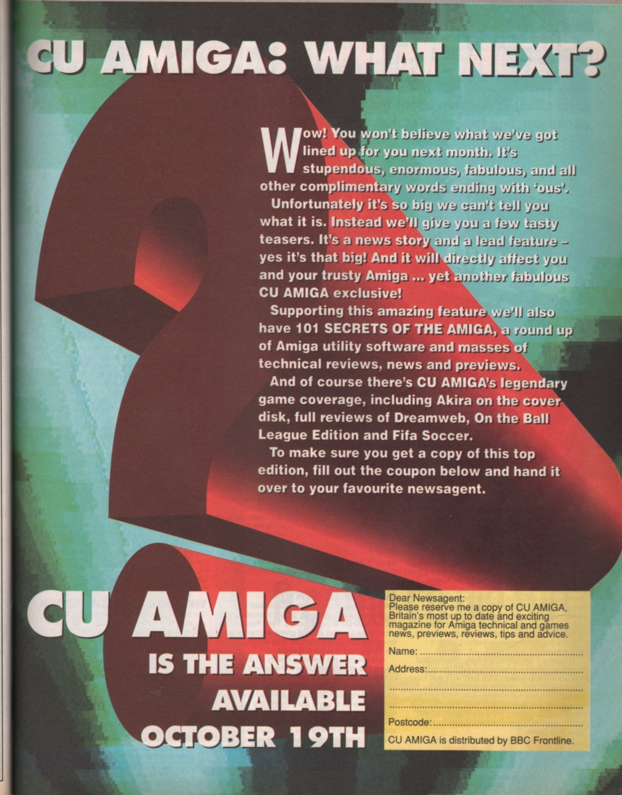
JOYSTICK & ACCESSORIES

10 Capacity 3.5" Disk Box	1.99
40 Capacity 3.5" Disk Box	4.99
50 Capacity 3.5" Disk Box	5.99
80 Capacity 3.5" Disk Box	6.99
100 Capacity 3.5" Disk Box	7.99
Analog Joystick Adaptor	4.99
Cheetah 125+	7.99
Cheetah Bug	11.99
Competition Pro Extra	14.99
Freewheel Steering Wheel	24.99
Gravis Advanced Switch Joystick	22.99
Mouse	10.99
Mousemat	1.99
Gravis Game Pad	15.99
Quickjoy Jetfighter	11.99
Quickjoy Pedals	17.99
Quickjoy Topstar	17.99
Quickjoy Turbo	10.99
Suncom Slik Stick	5.99
Suncom Tac 2	7.99
Wico "q" Stick	4.99

3.5"BLANK DISKS

	TDK VERBATIM BOXED	PRECISION BOXED	UNBRANDED LOOSE	RECYCLE LOOSE
10	7.99	6.49	5.99	4.5
20	14.50	11.99	10.99	8.5
30	21.99	17.49	15.99	12.0
40	28.49	24.99	20.49	15.0
50	35.00	26.00	23.99	17.5
100	65.00	49.99	44.99	35.0

CU AMIGA: WHAT NEXT?



Wow! You won't believe what we've got lined up for you next month. It's stupendous, enormous, fabulous, and all other complimentary words ending with 'ous'.

Unfortunately it's so big we can't tell you what it is. Instead we'll give you a few tasty teasers. It's a news story and a lead feature – yes it's that big! And it will directly affect you and your trusty Amiga ... yet another fabulous CU AMIGA exclusive!

Supporting this amazing feature we'll also have 101 SECRETS OF THE AMIGA, a round up of Amiga utility software and masses of technical reviews, news and previews.

And of course there's CU AMIGA's legendary game coverage, including Akira on the cover disk, full reviews of Dreamweb, On the Ball League Edition and Fifa Soccer.

To make sure you get a copy of this top edition, fill out the coupon below and hand it over to your favourite newsagent.

CU AMIGA
IS THE ANSWER
AVAILABLE OCTOBER 19TH

Dear Newsagent:
Please reserve me a copy of CU AMIGA, Britain's most up to date and exciting magazine for Amiga technical and games news, previews, reviews, tips and advice.

Name: ....

Address:...

....

....

Postcode:..

CU AMIGA is distributed by BBC Frontline.

PACKAGING BLUES

Andy Leaning rants on about the importance of good-quality packaging and the perils of dull, brown boxes!

BLIZZARD
1220/4 Turbo Memory Board
For Commodore Amiga® 1200
AMIGA 1200
HAWK
RAM BOARD ACCELERATOR
WITH BUILT-IN BATTERY BACKED CLOCK & 33MHz FPU
CONFIGURED TO:
2Mb RAM
33MHz 68882 FPU
2 YEAR WARRANTY
AMITEK

Just two examples of good quality packaging. Suppliers take note.

Why is it that in the Amiga peripheral market there are companies, admittedly not many, who will spend bags of money developing a product and then forget about the software and packaging. They distribute their technologically-astute new product in nothing more than a brown cardboard box and then wonder why it fails to sell in any great quantity.

Even when you find a company that has obviously gone to some length developing their product they invariably let it down with crap packaging, shipping in just a brown box, or including a flimsy photocopy as a manual. Or even worse, don't bother supplying all that is needed – a certain company springs to mind who recently shipped us a plug-in peripheral for the A1200 but didn't bother to include the software needed to use it or even the 9volt power supply (without which it wouldn't work!).

Honestly, if you had spent many thousands of pounds developing a product wouldn't you want the packaging to reflect all the hard work that you put into developing it? After all, no matter how spectacular a piece of equipment is, if the packaging is poorly put together then most customers will probably assume that the product itself has been thrown together in a similar fashion and so will shy away from buying it.

Don't get me wrong, there are many Amiga developers who go to considerable lengths to include everything needed, write decent manuals for their products and spend many thousands of pounds on the design of the product. Some of the best known; GVP, Blizzard, Power Computing, and Amitek all immediately spring to mind.

But there are many other companies who don't and ship shoddy-looking products. Yet when you speak to them about it they don't seem to realise that they are letting not just their customers down but also themselves by doing so!

WHY, WHY, WHY?

So why do they do it? The obvious answer is cost; producing colour packaging, proper manuals and decent software all costs money. Yet if they can't afford to do a proper job and give customers value-for-money and quality products they shouldn't be in the Amiga market in the first place.

And besides, not spending money on packaging etc is a shortsighted view in the current Amiga climate. Not so long ago you could rely on store sales reps to sell your products for you, but those days are long gone. Nowadays sales people have got other things to worry about, and there is a vast range of other products that have to be sold as well as Amiga! Your product will have to sell itself, and the only way to do this is via decent packaging which will prompt customers to pick it up and look at it – this is a basic premise of FMCG (Fast Moving Consumer Goods) and consumer goods marketing – packaging is one of the key ingredients in the marketing of the product.

Some companies don't realise this, which is one of the reasons why the larger Amiga developers have grown so big in the first place. GVP, Power and others have treated packaging and manuals as key aspects rather than afterthoughts and in doing so have succeeded in getting their products recognised as quality peripherals and thus sold more.

BONE IDLE?

Perhaps another consideration is lack of commercial knowledge. After all the Amiga is a home computer, and a lot of these users go on to try and sell products they have created. Because they might not be experienced in marketing they don't realise the importance of packaging and don't bother with it. Yet these people need only walk into a dealer showroom and look at the products on the shelves to realise how important i really is.

No, unfortunately I suspect the reason, is laziness. There are several Amiga developers, thankfully not many in this country, who ship products in brown boxes because they can't be bothered with the hassle of creating colour packaging. They can't be bothered! They're content to just sit back, develop a product, flog it to a few users and earn a little money.

.Personally I abhor companies like this. If they're in business they should be there to win, to increase turnover and raise the bottom line – their profits. If they're not, why be in business in the first place? But what you should consider is that if a company can't be bothered to spend a little extra on packaging, what else in the product couldn't it be bothered with? Is the product, whatever it may be, really likel to any good if 'they can't be bothered'?

THE MORAL OF THE STORY

The lesson to be learned here is watch out for these products, they won't jump off the shelf at you, so you'll need to look for them. And when you've found them, check them very, very carefull before you spend your hard earned money.

Of course you may come across the odd gem in this sea of faceless products. It's often the case that innovative small developers who really know about engineering can't afford colourful packagin or don't understand marketing. For this reason always ask around, read the reviews and check with your friends but be weary of the dull, brown box! And beware suppliers – the proverb 'don't judge a book by its cover' doesn't apply here. Ge it right and your product will do better. CU

DreamWeb

~~Sunday April~~
Monday April 9
The clock keeps going
round.
It wont ~~tell~~ tell me
the time.
Santa Claus gave a
gun to me.
Let loose the puppies
of war.
I died last night

"....AWESOME...!
"....BREATH TAKING...!"
"....HEART STOPPING...!"

A game to die for!

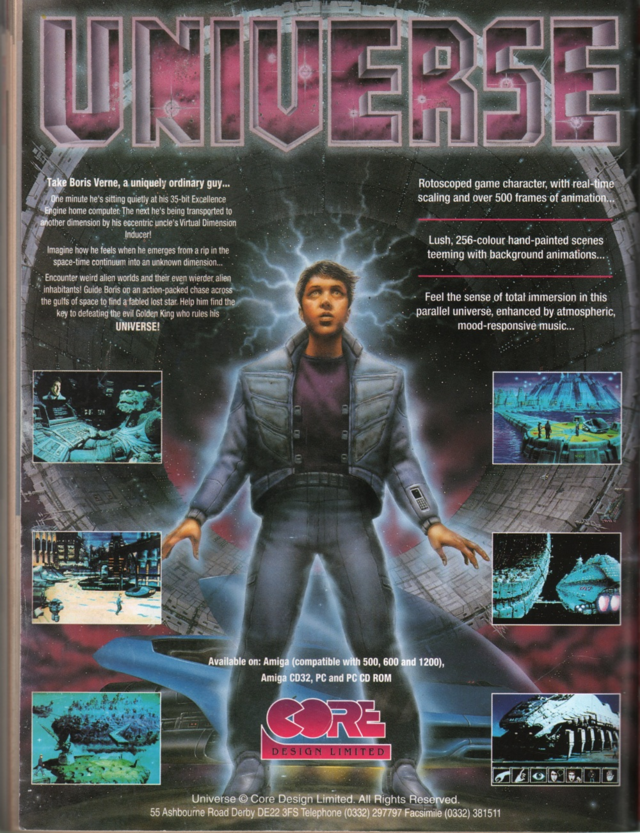
IBM PC AND COMPATIBLES
IBM PC CD-ROM
COMMODORE AMIGA - ALL MODELS
COMMODORE AMIGA A1200
ENHANCED

R RESTRICTED
UNDER 17 REQUIRES PARENT OR ADULT SUPERVISION.
18
WARNING : THIS GAME CONTAINS SCENES OF SEX AND GRAPHIC VIOLENCE NOT SUITABLE FOR YOUNG CHILDREN.

CREATIVE REALITY
©1994 CREATIVE REALITY

empire®
INTERACTIVE

EMPIRE INTERACTIVE ENTERTAINMENT, THE SPIRES, 677 HIGH ROAD, NORTH FINCHLEY, LONDON N12 0DA.
Telephone: 081- 343 9143 Fax: 081-343 7447 Modem: 081-343 7557



UNIVERSE

Take Boris Verne, a uniquely ordinary guy...

One minute he's sitting quietly at his 35-bit Excellence Engine home computer. The next he's being transported to another dimension by his eccentric uncle's Virtual Dimension Inducer!

Imagine how he feels when he emerges from a rip in the space-time continuum into an unknown dimension...

Encounter weird alien worlds and their even wierder alien inhabitants! Guide Boris on an action-packed chase across the gulfs of space to find a fabled lost star. Help him find the key to defeating the evil Golden King who rules his **UNIVERSE!**

Rotoscoped game character, with real-time scaling and over 500 frames of animation...

Lush, 256-colour hand-painted scenes teeming with background animations...

Feel the sense of total immersion in this parallel universe, enhanced by atmospheric, mood-responsive music...

Available on: Amiga (compatible with 500, 600 and 1200), Amiga CD32, PC and PC CD ROM

CORE
DESIGN LIMITED

Universe © Core Design Limited. All Rights Reserved.
55 Ashbourne Road Derby DE22 3FS Telephone (0332) 297797 Facsimile (0332) 381511

CU AMIGA

KEYBOARD SHORTCUTS

Exclusively by CU AMIGA on sale 19th of every month at a newsagents near you.

CU AMIGA covers everything you need to know about your Amiga, including exclusive previews and reviews, coverdisks, amazing reader offers, and the very latest news every month!

CU AMIGA the essential Amiga magazine

DPAINT 5 DPAINT 5 DPAINT 5 DPAINT 5

COLOUR MODES

KEY	EFFECT
F1	Matte
F2	Colour
F3	Replace
F4	Smear
F5	Shade
F6	Blend
F7	Cycle
F8	Smooth

COLOUR CONTROL

KEY	EFFECT
P	Palette
CRT-R	Ranges
TAB	Cycle colours on/off

ANIMATION CONTROLS

1	One frame forward
2	One frame back
3	Go to frame
4	Looped forward play
5	Single forward play
6	Ping-pong play
M	Move requester
N	Camera move requester

MACROS

Amiga-M	Record macro
Amiga-0 to 9	Execute macros 0 to 9

CU AMIGA

KEYBOARD SHORTCUTS

Exclusively by CU AMIGA on sale 19th of every month at a newsagents near you.

CU AMIGA covers everything you need to know about your Amiga, including exclusive previews and reviews, coverdisks, amazing reader offers, and the very latest news every month!

CU AMIGA the essential Amiga magazine

BRILLIANCE 2 BRILLIANCE 2 BRILLIANCE 2

COLOUR MODES

KEY	EFFECT
F1	Brush
F2	Colour
F3	Replace
F4	Smear
F5	Range
F6	Average smear
F7	Cycle
F8	Smooth
F9	Squash
F10	Menus on/off

ANIMATION CONTROLS

KEY	EFFECT
1	Previous frame
2	Next frame
4	Continuous forward
5	Single forward play
6	Ping-pong play

TOOL CONTROL

a	Airbrush select
A	Size airbrush
d	Freehand dot draw
D	Freehand filled draw
e	Unfilled ellipse

YOUR CUT OUT AND KEEP KEYBOARD SHORTCUTS FOR DPAINT AND BRILLIANCE

CU AMIGA

CU AMIGA

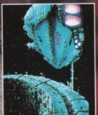
CU AMIGA

---

aracter, with real-time
frames of animation...

and-painted scenes
ground animations...

tal immersion in this
anced by atmospheric,
nsive music...



Verne, a uniquely ordinary guy...

e's sitting quietly at his 35-bit Excellence
mputer. The next he's being transported to
n by his eccentric uncle's Virtual Dimension
Inducer!

e feels when he emerges from a rip in the
continuum into an unknown dimension...

d alien worlds and their even wierder alien
de Boris on an action-packed chase across
e to find a fabled lost star. Help him find the
ating the evil Golden King who rules his
UNIVERSE!

Available on: Amiga (compatible wit
Amiga CD32, PC and PC

Universe © Core Design Limited.
55 Ashbourne Road Derby DE22 3FS Telephone (03

£899 WORTH OF DPAINT TO BE WON!

ENTER AND WIN ONE OF 10 FULL VERSIONS OF DPAINT 5

Yes it's true. We have 10 copies of the fabulous *DPaint 5* to give away – worth a total of over £800. To enter this competition just jot down the answers to the questions below on a postcard and send it to: **DELUXE COMPO, CU AMIGA, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.** The 10 lucky winners will each receive a FREE copy of *DPaint 5*, the latest version of the world's most popular graphics package!

1. Who wrote the original version of *DPaint*?
2. In which issue did CU AMIGA exclusively preview *DPaint 5*?
3. When will *DPaint 5* be released?

Hint: The answers to these questions can be found inside this issue.

Competition rules: Only one entry per person. No correspondence will be entered into. The editor's decision is final. Entries will only be received by post. No employees of EMAP Images or Electronic Arts may enter. All entries must be in by 30th November 1994.

✂ - - - - - - - - - - - - - - - - - - -

SAVE £££

In an exclusive CU AMIGA reader offer we have joined forces with Silica, First Choice and Power Computing to bring you amazing discounts on these essential Amiga peripherals – ideal for use with *DPaint*.

POWER

SAVE £8 off the PowerScan 4 Scanner

Normal Price £119, Offer Price £111, save £8

PowerScan 4 Features:

- Scan printed images for use in *DPaint* etc
- 256 greyscale images
- Numerous special effects
- A1200/A600 versions

Send this coupon with your order to Power Computing, 44a/b Stanley St, Bedford, MK41 7RW or call Power Computing on 0234 273000

CU AMIGA READER OFFER

FIRST

SAVE £5 off the TABBY GRAPHICS TABLET

Normal Price £59.99, Offer Price £54.99, save £5

The Tabby Features:

- Stylish design
- Easy-to-use system
- For Amiga graphics programs
- Compact presentation

Send this coupon with your order to First Computer Centre, Dept CU., Unit 3 Armley Park Court, Off Cecil St, Stanningley Rd, Leeds LS12 2AE, or call First Choice on 0532 31944

CU AMIGA READER OFFER

SILICA

SAVE £30 off the GVP A1230-II A1200 ACCELERATOR

Normal Price £429, Offer Price £399, save £30

The A1230-II Features:

- 40MHz 68030 accelerator
- 4Mb RAM populated
- Unique feature connector
- Battery backed clock

Take this coupon to any Silica store, or send it with your order to Silica, 1-4 The Mews, Hatherley Road, Sidcup, Kent, DA14 5DX or call Silica on 081 309 1111. Offer Code: UPG1244

CU AMIGA READER OFFER